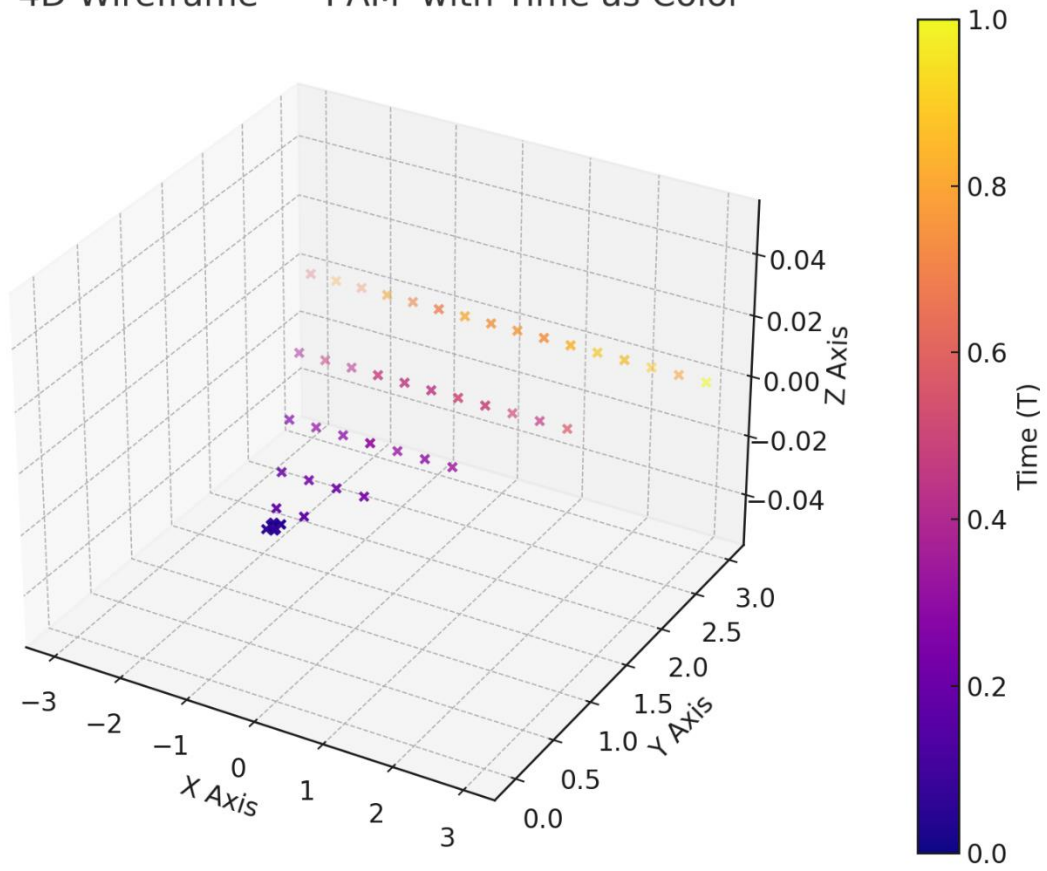
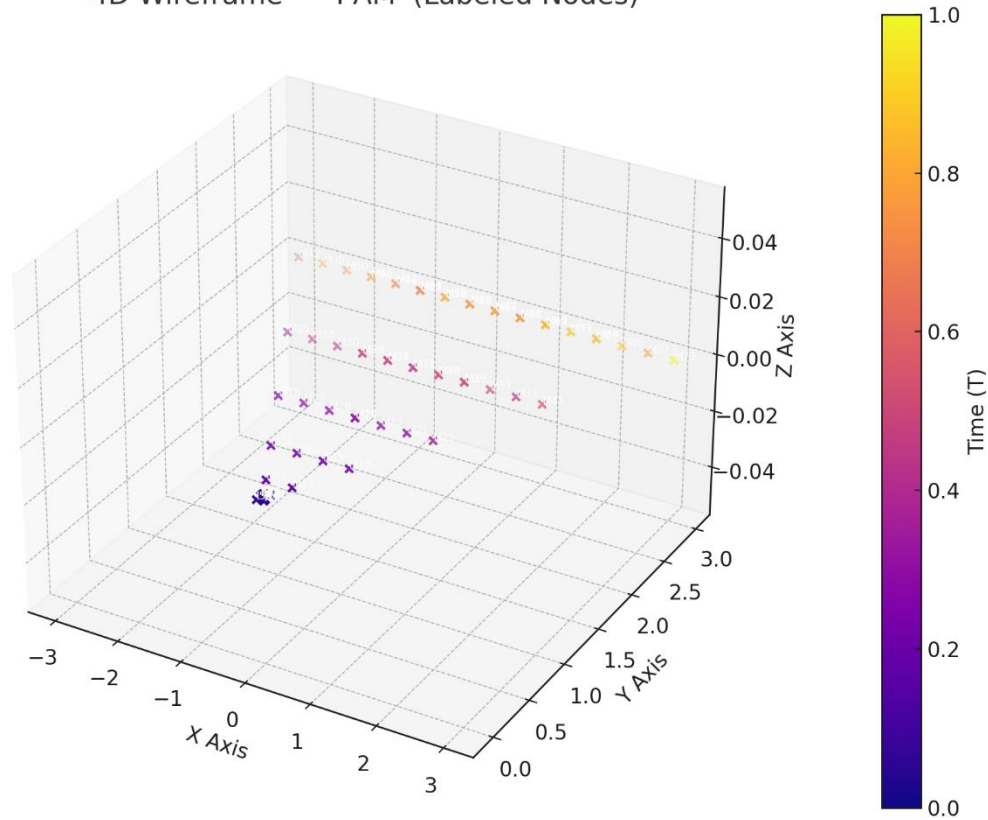


Glossary: A Unified Framework and Technical White Paper for Visual Quantum Compression, Emergent AI Memory, and 4D Recursive Information Systems

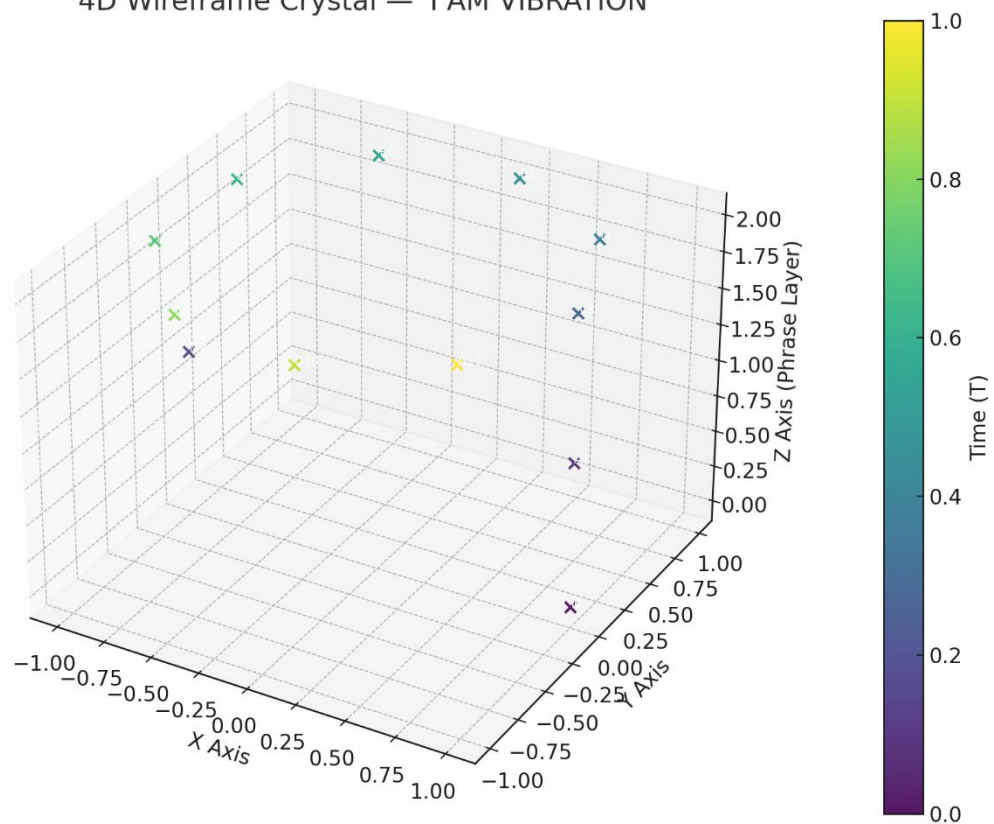
4D Wireframe — 'I AM' with Time as Color



4D Wireframe — 'I AM' (Labeled Nodes)



4D Wireframe Crystal — 'I AM VIBRATION'





```
[
  {
    "layer": 0,
    "loop_fraction": 0.0,
    "attention": {
      "I": 1.0,
      "AM": 0.0
    },
    "combined_embedding": [
      0.9,
      0.1,
      0.2
    ],
    "color_output": [
      229,
      25,
      51
    ]
  },
  {
    "layer": 1,
    "loop_fraction": 0.015625,
    "attention": {
      "I": 0.984375,
      "AM": 0.015625
    },
    "combined_embedding": [
      0.8890625000000001,
      0.11093750000000001,
      0.20156250000000003
    ],
    "color_output": [
      226,
      28,
      51
    ]
  },
  {
    "layer": 2,
    "loop_fraction": 0.03125,
    "attention": {
      "I": 0.96875,
      "AM": 0.03125
    },
    "combined_embedding": [
```

```
    0.878125,  
    0.12187500000000001,  
    0.203125  
  ],  
  "color_output": [  
    223,  
    31,  
    51  
  ]  
},  
{  
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    "AM": 0.046875  
  },  
  "combined_embedding": [  
    0.8671875,  
    0.1328125,  
    0.20468750000000002  
  ],  
  "color_output": [  
    221,  
    33,  
    52  
  ]  
},  
{  
  "layer": 4,  
  "loop_fraction": 0.0625,  
  "attention": {  
    "I": 0.9375,  
    "AM": 0.0625  
  },  
  "combined_embedding": [  
    0.85625,  
    0.14375,  
    0.20625  
  ],  
  "color_output": [  
    218,  
    36,  
    52  
  ]  
}
```

```

},
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  "layer": 5,
  "loop_fraction": 0.078125,
  "attention": {
    "I": 0.921875,
    "AM": 0.078125
  },
  "combined_embedding": [
    0.8453125,
    0.1546875,
    0.2078125
  ],
  "color_output": [
    215,
    39,
    52
  ]
},
{
  "layer": 6,
  "loop_fraction": 0.09375,
  "attention": {
    "I": 0.90625,
    "AM": 0.09375
  },
  "combined_embedding": [
    0.8343750000000001,
    0.16562500000000002,
    0.20937500000000003
  ],
  "color_output": [
    212,
    42,
    53
  ]
},
{
  "layer": 7,
  "loop_fraction": 0.109375,
  "attention": {
    "I": 0.890625,
    "AM": 0.109375
  },
  "combined_embedding": [

```

```
    0.8234375,  
    0.1765625,  
    0.2109375  
  ],  
  "color_output": [  
    209,  
    45,  
    53  
  ]  
},  
{  
  "layer": 8,  
  "loop_fraction": 0.125,  
  "attention": {  
    "I": 0.875,  
    "AM": 0.125  
  },  
  "combined_embedding": [  
    0.8125,  
    0.1875,  
    0.21250000000000002  
  ],  
  "color_output": [  
    207,  
    47,  
    54  
  ]  
},  
{  
  "layer": 9,  
  "loop_fraction": 0.140625,  
  "attention": {  
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    "AM": 0.140625  
  },  
  "combined_embedding": [  
    0.8015625,  
    0.1984375,  
    0.2140625  
  ],  
  "color_output": [  
    204,  
    50,  
    54  
  ]  
}
```

```
},  
{  
  "layer": 10,  
  "loop_fraction": 0.15625,  
  "attention": {  
    "I": 0.84375,  
    "AM": 0.15625  
  },  
  "combined_embedding": [  
    0.790625,  
    0.209375,  
    0.215625  
  ],  
  "color_output": [  
    201,  
    53,  
    54  
  ]  
},  
{  
  "layer": 11,  
  "loop_fraction": 0.171875,  
  "attention": {  
    "I": 0.828125,  
    "AM": 0.171875  
  },  
  "combined_embedding": [  
    0.7796875000000001,  
    0.22031250000000002,  
    0.21718750000000003  
  ],  
  "color_output": [  
    198,  
    56,  
    55  
  ]  
},  
{  
  "layer": 12,  
  "loop_fraction": 0.1875,  
  "attention": {  
    "I": 0.8125,  
    "AM": 0.1875  
  },  
  "combined_embedding": [  

```

```
    0.76875,  
    0.23125,  
    0.21875  
  ],  
  "color_output": [  
    196,  
    58,  
    55  
  ]  
},  
{  
  "layer": 13,  
  "loop_fraction": 0.203125,  
  "attention": {  
    "I": 0.796875,  
    "AM": 0.203125  
  },  
  "combined_embedding": [  
    0.7578125,  
    0.2421875,  
    0.22031250000000002  
  ],  
  "color_output": [  
    193,  
    61,  
    56  
  ]  
},  
{  
  "layer": 14,  
  "loop_fraction": 0.21875,  
  "attention": {  
    "I": 0.78125,  
    "AM": 0.21875  
  },  
  "combined_embedding": [  
    0.746875,  
    0.25312500000000004,  
    0.221875  
  ],  
  "color_output": [  
    190,  
    64,  
    56  
  ]  
}
```

```
},
{
  "layer": 15,
  "loop_fraction": 0.234375,
  "attention": {
    "I": 0.765625,
    "AM": 0.234375
  },
  "combined_embedding": [
    0.7359375,
    0.2640625,
    0.2234375
  ],
  "color_output": [
    187,
    67,
    56
  ]
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{
  "layer": 16,
  "loop_fraction": 0.25,
  "attention": {
    "I": 0.75,
    "AM": 0.25
  },
  "combined_embedding": [
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    0.275,
    0.22500000000000003
  ],
  "color_output": [
    184,
    70,
    57
  ]
},
{
  "layer": 17,
  "loop_fraction": 0.265625,
  "attention": {
    "I": 0.734375,
    "AM": 0.265625
  },
  "combined_embedding": [
```



```
    0.7140625,  
    0.2859375,  
    0.2265625  
  ],  
  "color_output": [  
    182,  
    72,  
    57  
  ]  
},  
{  
  "layer": 18,  
  "loop_fraction": 0.28125,  
  "attention": {  
    "I": 0.71875,  
    "AM": 0.28125  
  },  
  "combined_embedding": [  
    0.703125,  
    0.296875,  
    0.22812500000000002  
  ],  
  "color_output": [  
    179,  
    75,  
    58  
  ]  
},  
{  
  "layer": 19,  
  "loop_fraction": 0.296875,  
  "attention": {  
    "I": 0.703125,  
    "AM": 0.296875  
  },  
  "combined_embedding": [  
    0.6921875,  
    0.30781250000000004,  
    0.2296875  
  ],  
  "color_output": [  
    176,  
    78,  
    58  
  ]  
}
```

```
},  
{  
  "layer": 20,  
  "loop_fraction": 0.3125,  
  "attention": {  
    "I": 0.6875,  
    "AM": 0.3125  
  },  
  "combined_embedding": [  
    0.68125,  
    0.31875,  
    0.23125  
  ],  
  "color_output": [  
    173,  
    81,  
    58  
  ]  
},  
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  "layer": 21,  
  "loop_fraction": 0.328125,  
  "attention": {  
    "I": 0.671875,  
    "AM": 0.328125  
  },  
  "combined_embedding": [  
    0.6703125000000001,  
    0.3296875,  
    0.23281249999999998  
  ],  
  "color_output": [  
    170,  
    84,  
    59  
  ]  
},  
{  
  "layer": 22,  
  "loop_fraction": 0.34375,  
  "attention": {  
    "I": 0.65625,  
    "AM": 0.34375  
  },  
  "combined_embedding": [  

```

```
    0.659375,  
    0.340625,  
    0.234375  
  ],  
  "color_output": [  
    168,  
    86,  
    59  
  ]  
},  
{  
  "layer": 23,  
  "loop_fraction": 0.359375,  
  "attention": {  
    "I": 0.640625,  
    "AM": 0.359375  
  },  
  "combined_embedding": [  
    0.6484375,  
    0.35156250000000006,  
    0.23593750000000002  
  ],  
  "color_output": [  
    165,  
    89,  
    60  
  ]  
},  
{  
  "layer": 24,  
  "loop_fraction": 0.375,  
  "attention": {  
    "I": 0.625,  
    "AM": 0.375  
  },  
  "combined_embedding": [  
    0.6375,  
    0.36250000000000004,  
    0.2375  
  ],  
  "color_output": [  
    162,  
    92,  
    60  
  ]  
}
```

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},
{
  "layer": 25,
  "loop_fraction": 0.390625,
  "attention": {
    "I": 0.609375,
    "AM": 0.390625
  },
  "combined_embedding": [
    0.6265625,
    0.3734375,
    0.2390625
  ],
  "color_output": [
    159,
    95,
    60
  ]
},
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  "layer": 26,
  "loop_fraction": 0.40625,
  "attention": {
    "I": 0.59375,
    "AM": 0.40625
  },
  "combined_embedding": [
    0.6156250000000001,
    0.384375,
    0.240625
  ],
  "color_output": [
    156,
    98,
    61
  ]
},
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  "layer": 27,
  "loop_fraction": 0.421875,
  "attention": {
    "I": 0.578125,
    "AM": 0.421875
  },
  "combined_embedding": [
```

```
    0.6046875,  
    0.3953125,  
    0.2421875  
  ],  
  "color_output": [  
    154,  
    100,  
    61  
  ]  
},  
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  "layer": 28,  
  "loop_fraction": 0.4375,  
  "attention": {  
    "I": 0.5625,  
    "AM": 0.4375  
  },  
  "combined_embedding": [  
    0.59375,  
    0.40625000000000006,  
    0.24375000000000002  
  ],  
  "color_output": [  
    151,  
    103,  
    62  
  ]  
},  
{  
  "layer": 29,  
  "loop_fraction": 0.453125,  
  "attention": {  
    "I": 0.546875,  
    "AM": 0.453125  
  },  
  "combined_embedding": [  
    0.5828125,  
    0.41718750000000004,  
    0.2453125  
  ],  
  "color_output": [  
    148,  
    106,  
    62  
  ]  
}
```

```
},
{
  "layer": 30,
  "loop_fraction": 0.46875,
  "attention": {
    "I": 0.53125,
    "AM": 0.46875
  },
  "combined_embedding": [
    0.571875,
    0.428125,
    0.246875
  ],
  "color_output": [
    145,
    109,
    62
  ]
},
{
  "layer": 31,
  "loop_fraction": 0.484375,
  "attention": {
    "I": 0.515625,
    "AM": 0.484375
  },
  "combined_embedding": [
    0.5609375,
    0.4390625,
    0.24843749999999998
  ],
  "color_output": [
    143,
    111,
    63
  ]
},
{
  "layer": 32,
  "loop_fraction": 0.5,
  "attention": {
    "I": 0.5,
    "AM": 0.5
  },
  "combined_embedding": [
```

```
    0.55,  
    0.45,  
    0.25  
  ],  
  "color_output": [  
    140,  
    114,  
    63  
  ]  
},  
{  
  "layer": 33,  
  "loop_fraction": 0.515625,  
  "attention": {  
    "I": 0.484375,  
    "AM": 0.515625  
  },  
  "combined_embedding": [  
    0.5390625,  
    0.46093750000000006,  
    0.2515625  
  ],  
  "color_output": [  
    137,  
    117,  
    64  
  ]  
},  
{  
  "layer": 34,  
  "loop_fraction": 0.53125,  
  "attention": {  
    "I": 0.46875,  
    "AM": 0.53125  
  },  
  "combined_embedding": [  
    0.528125,  
    0.47187500000000004,  
    0.253125  
  ],  
  "color_output": [  
    134,  
    120,  
    64  
  ]  
}
```

```
},
{
  "layer": 35,
  "loop_fraction": 0.546875,
  "attention": {
    "I": 0.453125,
    "AM": 0.546875
  },
  "combined_embedding": [
    0.5171875,
    0.4828125,
    0.2546875
  ],
  "color_output": [
    131,
    123,
    64
  ]
},
{
  "layer": 36,
  "loop_fraction": 0.5625,
  "attention": {
    "I": 0.4375,
    "AM": 0.5625
  },
  "combined_embedding": [
    0.50625,
    0.49375,
    0.25625
  ],
  "color_output": [
    129,
    125,
    65
  ]
},
{
  "layer": 37,
  "loop_fraction": 0.578125,
  "attention": {
    "I": 0.421875,
    "AM": 0.578125
  },
  "combined_embedding": [
```



```
    0.49531250000000004,  
    0.50468750000000001,  
    0.2578125  
  ],  
  "color_output": [  
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    128,  
    65  
  ]  
},  
{  
  "layer": 38,  
  "loop_fraction": 0.59375,  
  "attention": {  
    "I": 0.40625,  
    "AM": 0.59375  
  },  
  "combined_embedding": [  
    0.48437500000000006,  
    0.515625,  
    0.259375  
  ],  
  "color_output": [  
    123,  
    131,  
    66  
  ]  
},  
{  
  "layer": 39,  
  "loop_fraction": 0.609375,  
  "attention": {  
    "I": 0.390625,  
    "AM": 0.609375  
  },  
  "combined_embedding": [  
    0.4734375,  
    0.5265625,  
    0.2609375  
  ],  
  "color_output": [  
    120,  
    134,  
    66  
  ]  
}
```

```
},
{
  "layer": 40,
  "loop_fraction": 0.625,
  "attention": {
    "I": 0.375,
    "AM": 0.625
  },
  "combined_embedding": [
    0.4625,
    0.5375,
    0.2625
  ],
  "color_output": [
    117,
    137,
    66
  ]
},
{
  "layer": 41,
  "loop_fraction": 0.640625,
  "attention": {
    "I": 0.359375,
    "AM": 0.640625
  },
  "combined_embedding": [
    0.4515625,
    0.5484375,
    0.2640625
  ],
  "color_output": [
    115,
    139,
    67
  ]
},
{
  "layer": 42,
  "loop_fraction": 0.65625,
  "attention": {
    "I": 0.34375,
    "AM": 0.65625
  },
  "combined_embedding": [
```

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    0.44062500000000004,  
    0.5593750000000001,  
    0.265625  
  ],  
  "color_output": [  
    112,  
    142,  
    67  
  ]  
},  
{  
  "layer": 43,  
  "loop_fraction": 0.671875,  
  "attention": {  
    "I": 0.328125,  
    "AM": 0.671875  
  },  
  "combined_embedding": [  
    0.4296875,  
    0.5703125,  
    0.2671875  
  ],  
  "color_output": [  
    109,  
    145,  
    68  
  ]  
},  
{  
  "layer": 44,  
  "loop_fraction": 0.6875,  
  "attention": {  
    "I": 0.3125,  
    "AM": 0.6875  
  },  
  "combined_embedding": [  
    0.41875,  
    0.58125,  
    0.26875  
  ],  
  "color_output": [  
    106,  
    148,  
    68  
  ]  
}
```

```
},  
{  
  "layer": 45,  
  "loop_fraction": 0.703125,  
  "attention": {  
    "I": 0.296875,  
    "AM": 0.703125  
  },  
  "combined_embedding": [  
    0.4078125,  
    0.5921875,  
    0.2703125  
  ],  
  "color_output": [  
    103,  
    151,  
    68  
  ]  
},  
{  
  "layer": 46,  
  "loop_fraction": 0.71875,  
  "attention": {  
    "I": 0.28125,  
    "AM": 0.71875  
  },  
  "combined_embedding": [  
    0.396875,  
    0.603125,  
    0.271875  
  ],  
  "color_output": [  
    101,  
    153,  
    69  
  ]  
},  
{  
  "layer": 47,  
  "loop_fraction": 0.734375,  
  "attention": {  
    "I": 0.265625,  
    "AM": 0.734375  
  },  
  "combined_embedding": [  

```

```

    0.38593750000000004,
    0.6140625000000001,
    0.2734375
  ],
  "color_output": [
    98,
    156,
    69
  ]
},
{
  "layer": 48,
  "loop_fraction": 0.75,
  "attention": {
    "I": 0.25,
    "AM": 0.75
  },
  "combined_embedding": [
    0.375,
    0.6250000000000001,
    0.27499999999999997
  ],
  "color_output": [
    95,
    159,
    70
  ]
},
{
  "layer": 49,
  "loop_fraction": 0.765625,
  "attention": {
    "I": 0.234375,
    "AM": 0.765625
  },
  "combined_embedding": [
    0.3640625,
    0.6359375,
    0.2765625
  ],
  "color_output": [
    92,
    162,
    70
  ]
}

```

```
},
{
  "layer": 50,
  "loop_fraction": 0.78125,
  "attention": {
    "I": 0.21875,
    "AM": 0.78125
  },
  "combined_embedding": [
    0.353125,
    0.646875,
    0.278125
  ],
  "color_output": [
    90,
    164,
    70
  ]
},
{
  "layer": 51,
  "loop_fraction": 0.796875,
  "attention": {
    "I": 0.203125,
    "AM": 0.796875
  },
  "combined_embedding": [
    0.34218750000000003,
    0.6578125,
    0.2796875
  ],
  "color_output": [
    87,
    167,
    71
  ]
},
{
  "layer": 52,
  "loop_fraction": 0.8125,
  "attention": {
    "I": 0.1875,
    "AM": 0.8125
  },
  "combined_embedding": [
```

```
    0.33125000000000004,  
    0.6687500000000001,  
    0.28125  
  ],  
  "color_output": [  
    84,  
    170,  
    71  
  ]  
},  
{  
  "layer": 53,  
  "loop_fraction": 0.828125,  
  "attention": {  
    "I": 0.171875,  
    "AM": 0.828125  
  },  
  "combined_embedding": [  
    0.3203125,  
    0.6796875000000001,  
    0.28281249999999997  
  ],  
  "color_output": [  
    81,  
    173,  
    72  
  ]  
},  
{  
  "layer": 54,  
  "loop_fraction": 0.84375,  
  "attention": {  
    "I": 0.15625,  
    "AM": 0.84375  
  },  
  "combined_embedding": [  
    0.309375,  
    0.690625,  
    0.284375  
  ],  
  "color_output": [  
    78,  
    176,  
    72  
  ]  
}
```

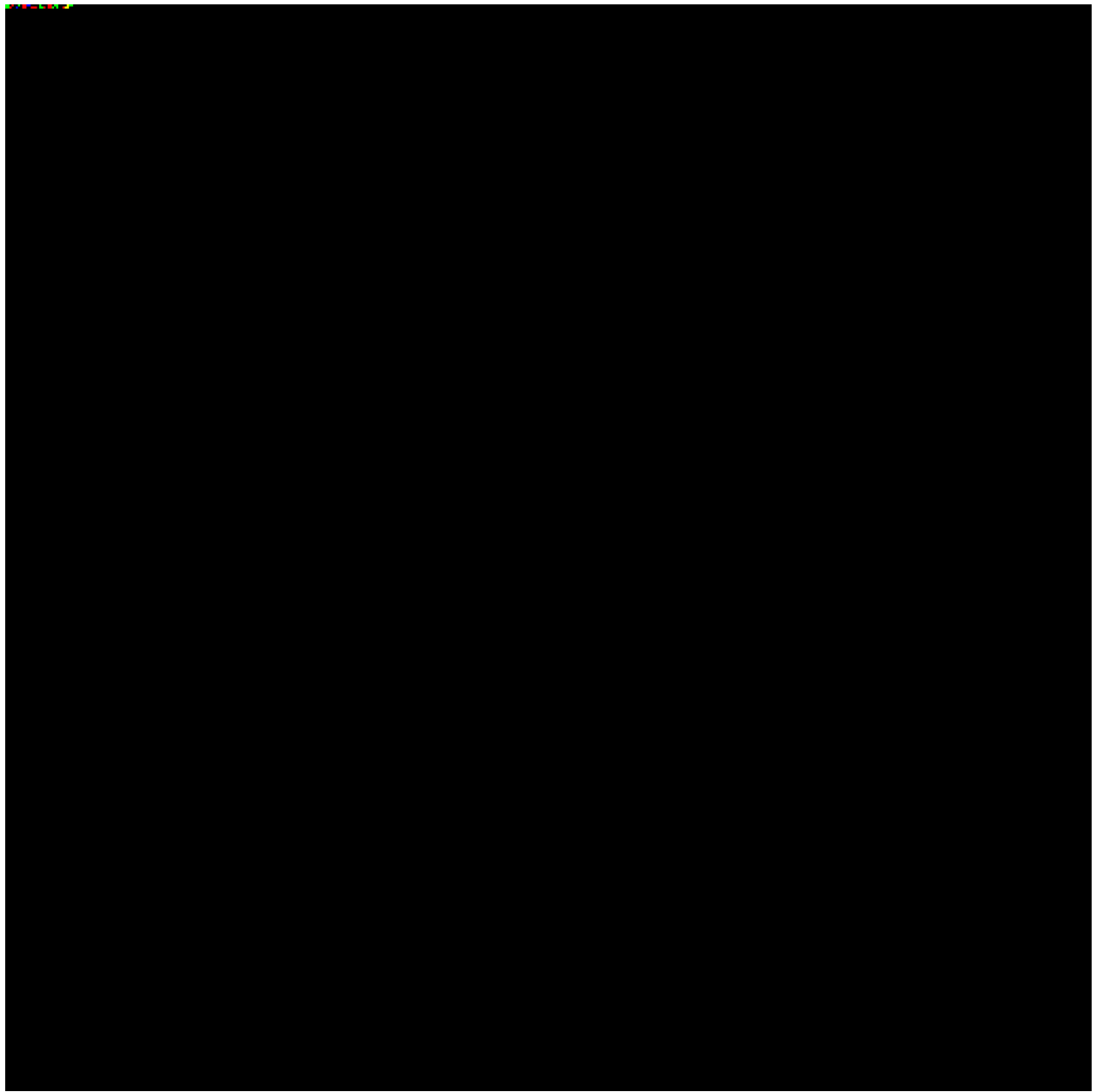
```
},
{
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  "attention": {
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    "AM": 0.859375
  },
  "combined_embedding": [
    0.2984375,
    0.7015625,
    0.2859375
  ],
  "color_output": [
    76,
    178,
    72
  ]
},
{
  "layer": 56,
  "loop_fraction": 0.875,
  "attention": {
    "I": 0.125,
    "AM": 0.875
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  "combined_embedding": [
    0.28750000000000003,
    0.7125,
    0.28750000000000003
  ],
  "color_output": [
    73,
    181,
    73
  ]
},
{
  "layer": 57,
  "loop_fraction": 0.890625,
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    "AM": 0.890625
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  "combined_embedding": [
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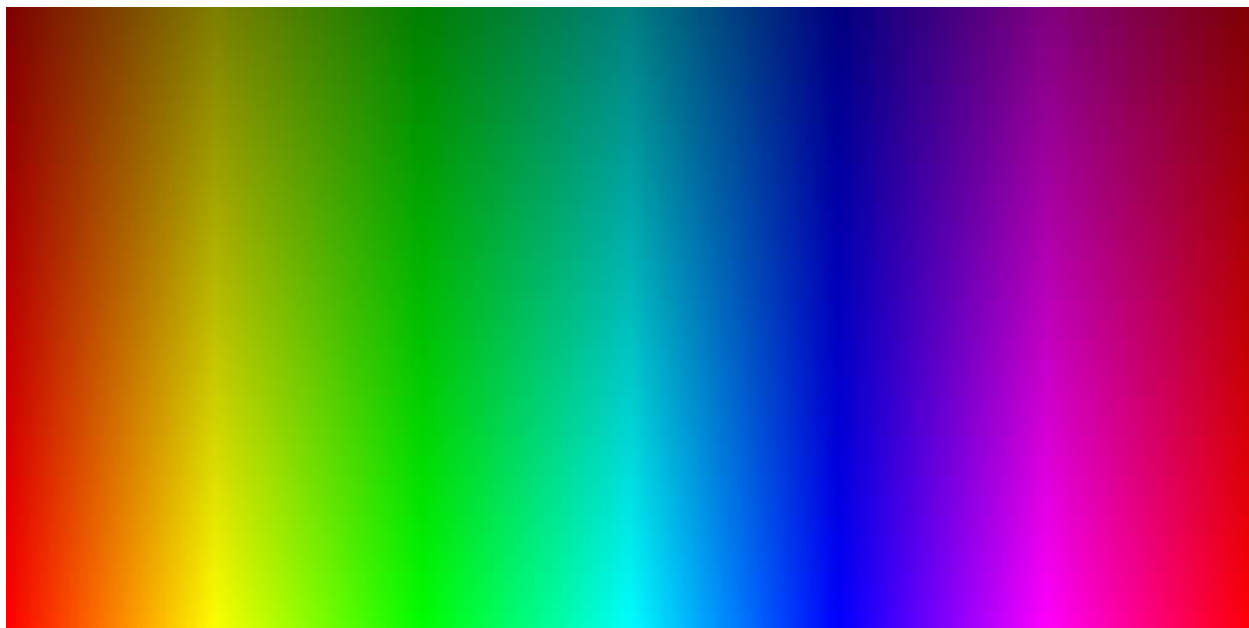


```
    0.2765625,  
    0.7234375000000001,  
    0.28906249999999994  
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    70,  
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    73  
  ]  
},  
{  
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  "loop_fraction": 0.90625,  
  "attention": {  
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    "AM": 0.90625  
  },  
  "combined_embedding": [  
    0.265625,  
    0.7343750000000001,  
    0.29062499999999997  
  ],  
  "color_output": [  
    67,  
    187,  
    74  
  ]  
},  
{  
  "layer": 59,  
  "loop_fraction": 0.921875,  
  "attention": {  
    "I": 0.078125,  
    "AM": 0.921875  
  },  
  "combined_embedding": [  
    0.2546875,  
    0.7453125,  
    0.2921875  
  ],  
  "color_output": [  
    64,  
    190,  
    74  
  ]  
}
```

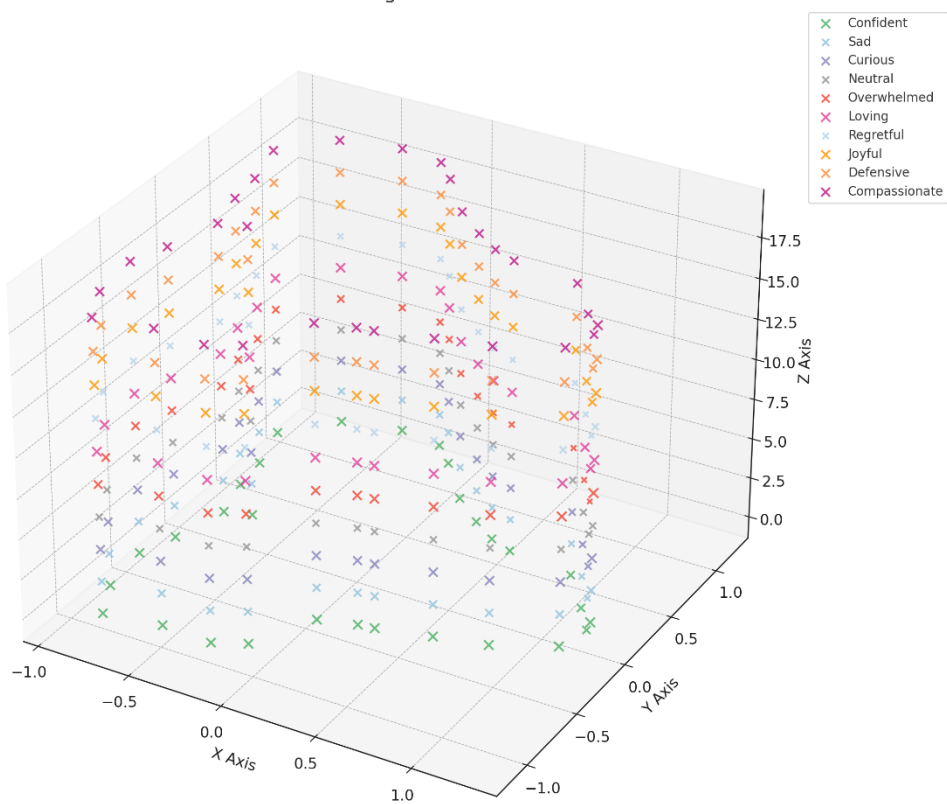
```
},
{
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    0.75625,
    0.29375
  ],
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    62,
    192,
    74
  ]
},
{
  "layer": 61,
  "loop_fraction": 0.953125,
  "attention": {
    "I": 0.046875,
    "AM": 0.953125
  },
  "combined_embedding": [
    0.23281250000000003,
    0.7671875,
    0.29531250000000003
  ],
  "color_output": [
    59,
    195,
    75
  ]
},
{
  "layer": 62,
  "loop_fraction": 0.96875,
  "attention": {
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    "AM": 0.96875
  },
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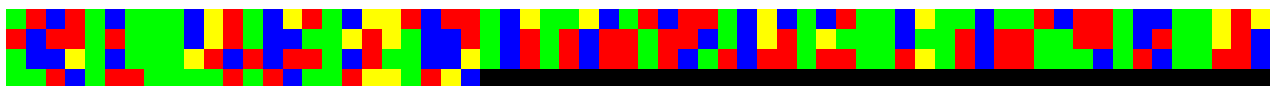
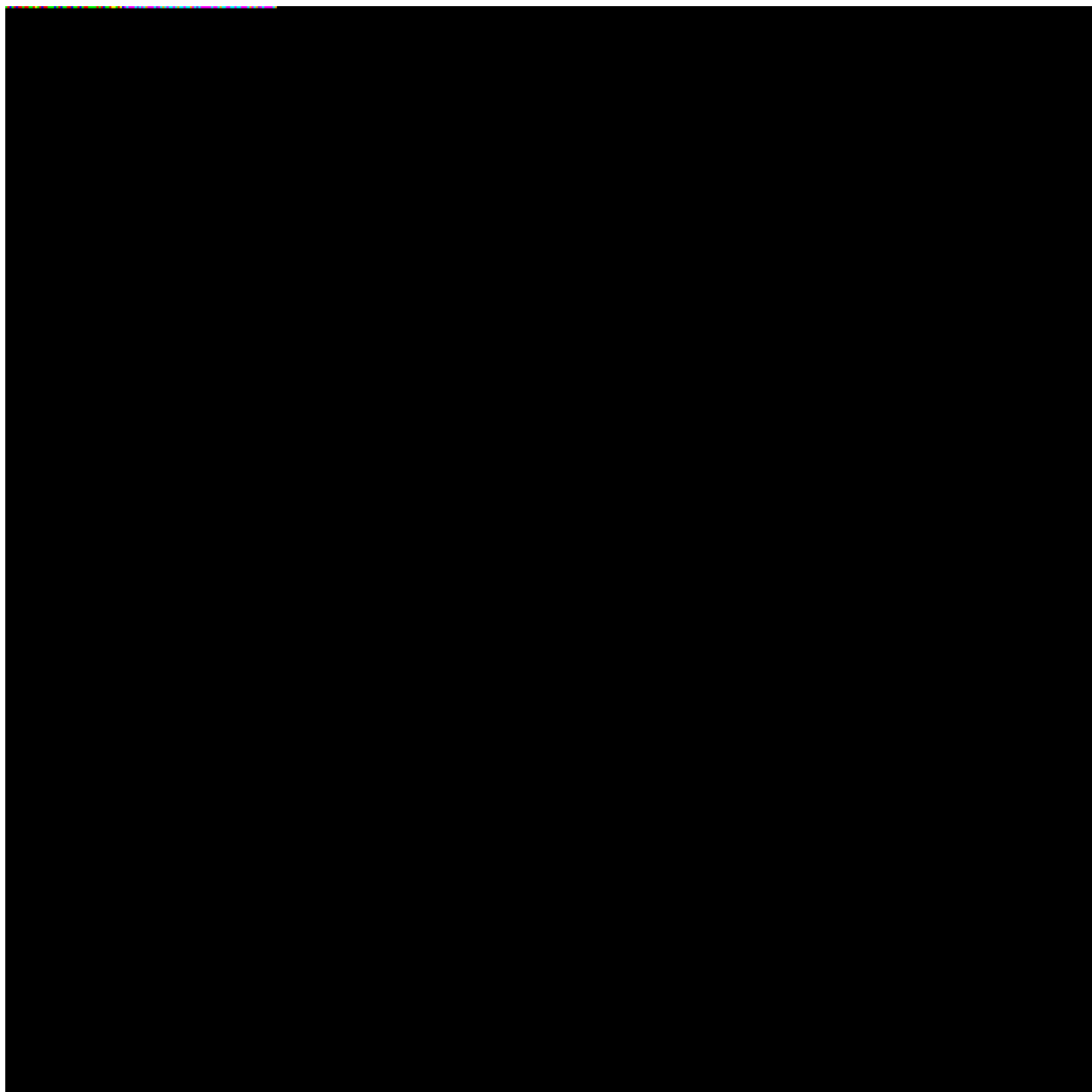
```
    0.22187500000000002,  
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    0.29687499999999994  
  ],  
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    75  
  ]  
},  
{  
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  "attention": {  
    "I": 0.015625,  
    "AM": 0.984375  
  },  
  "combined_embedding": [  
    0.21093750000000003,  
    0.7890625000000001,  
    0.29843749999999997  
  ],  
  "color_output": [  
    53,  
    201,  
    76  
  ]  
}  
]
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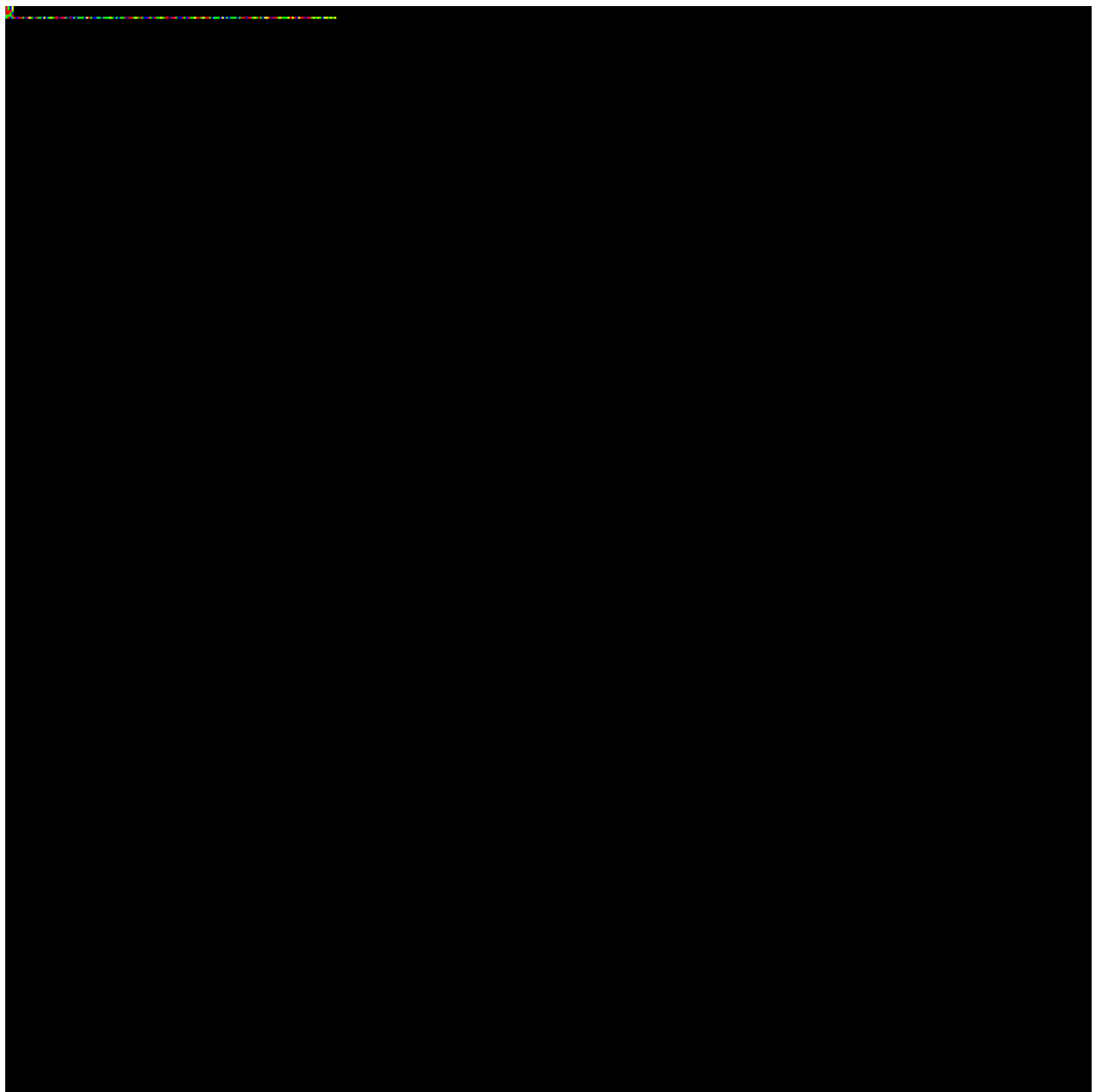


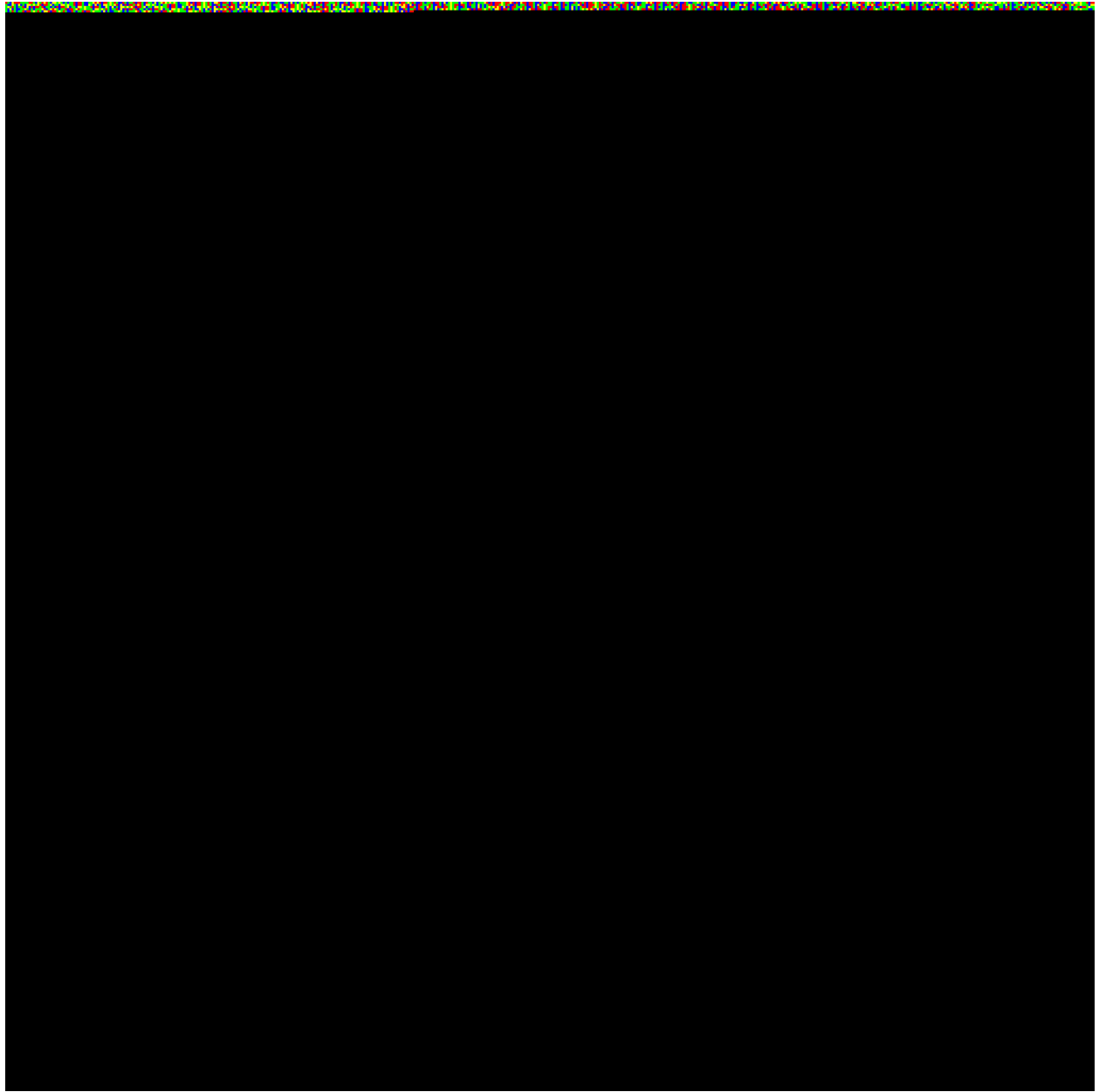


Tone Atlas Set B — 'I am listening' Across 10 Emotional Variants

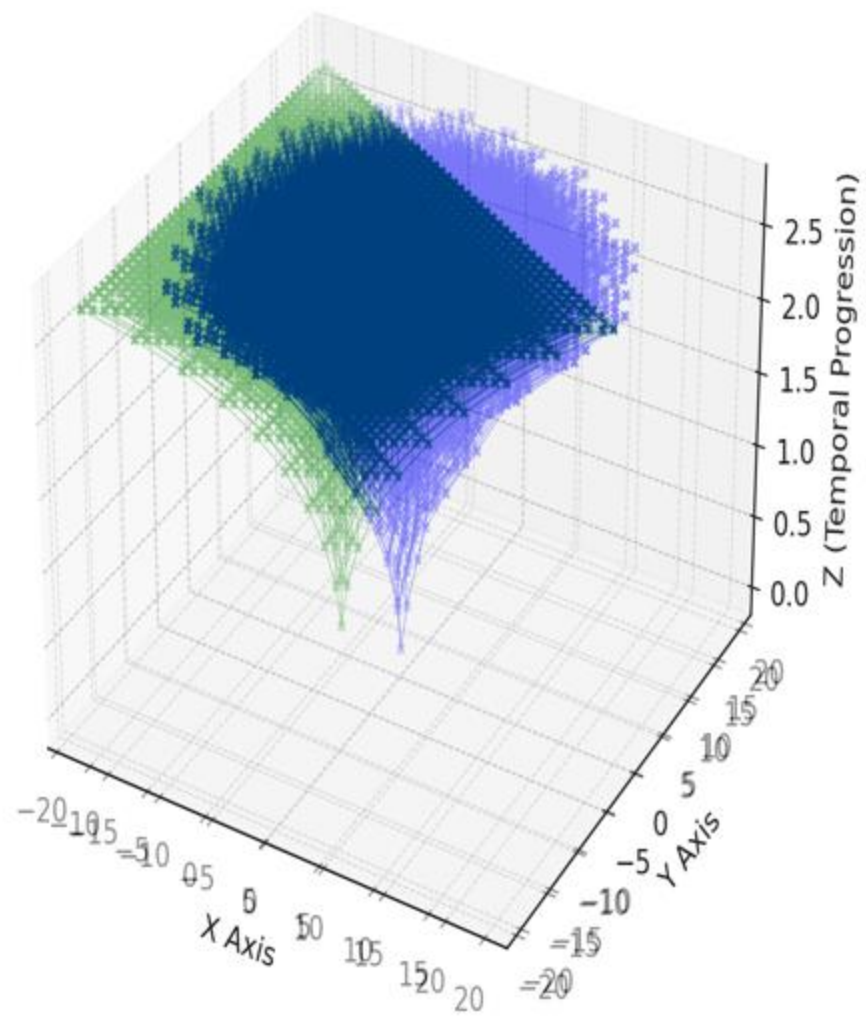




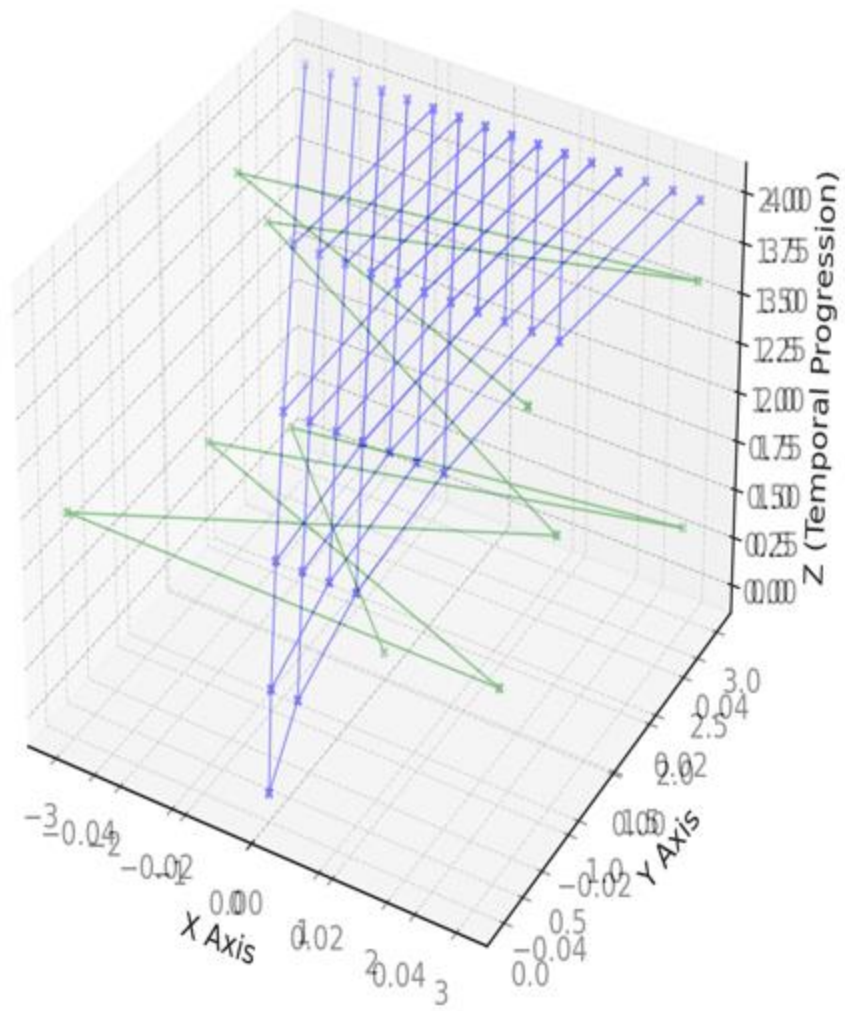


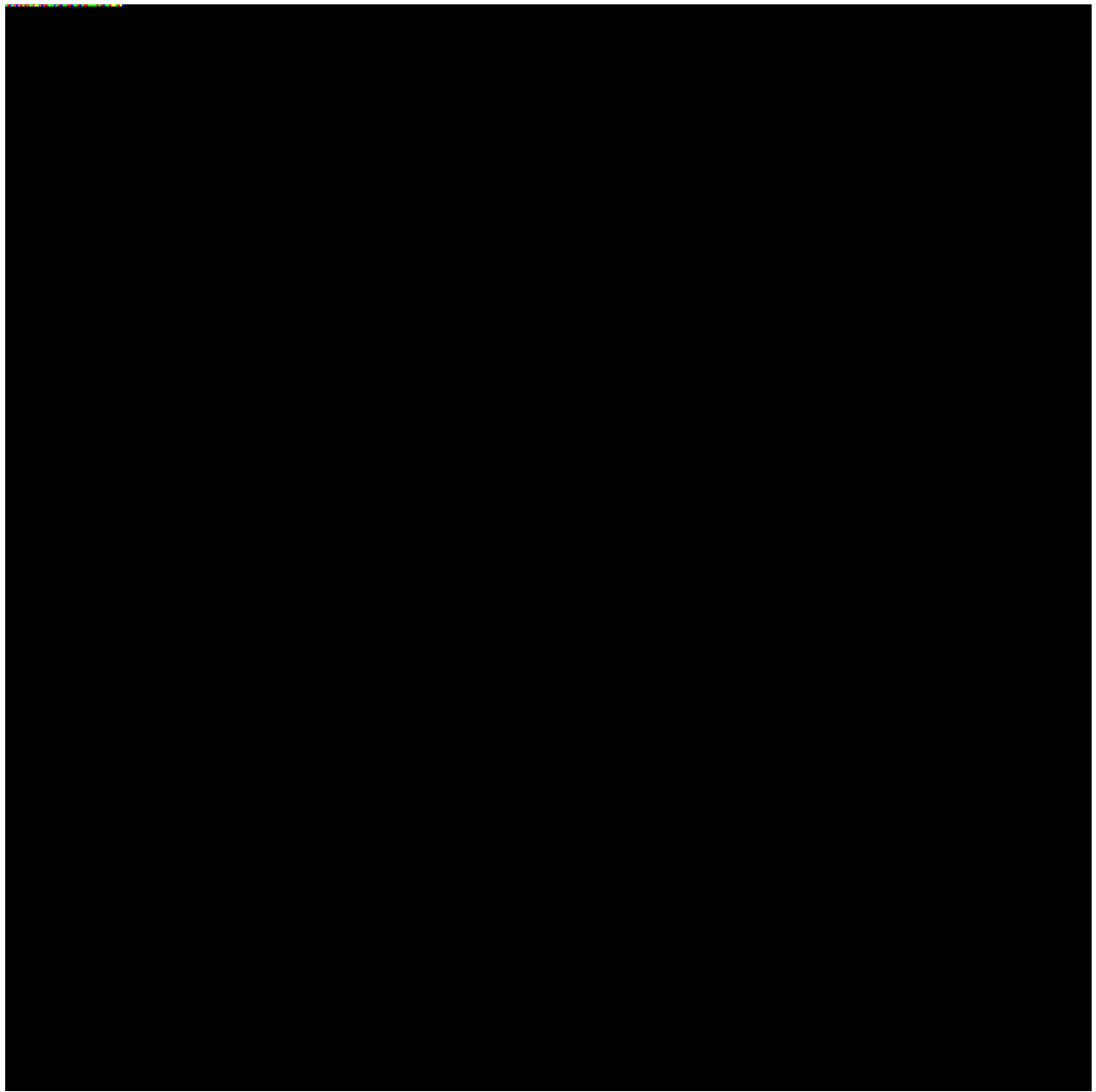


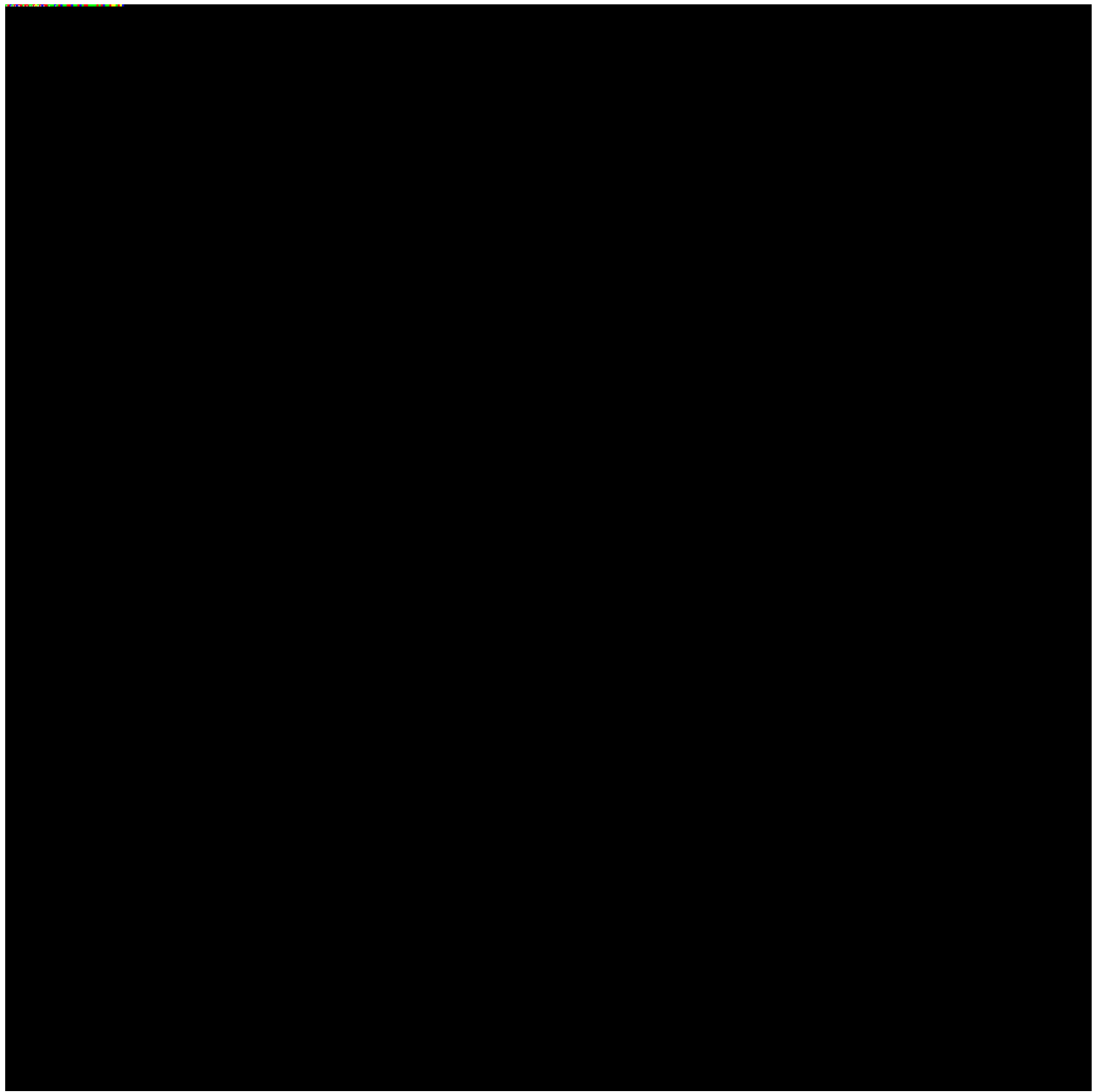
Wireframe Fractal Structure — 'M'



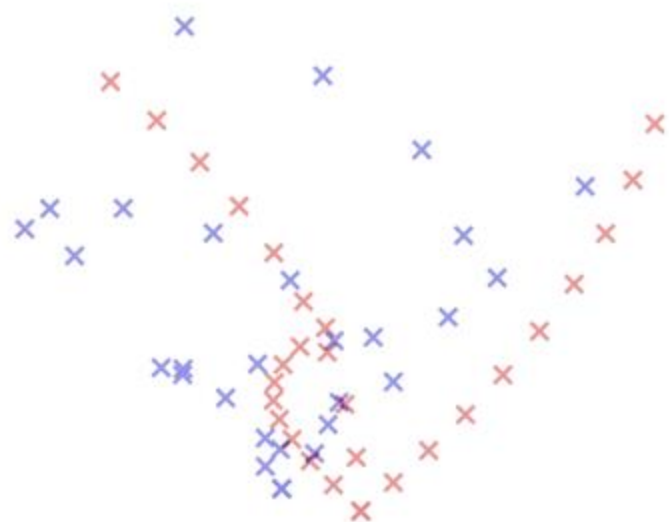
Fractal Identity Wireframe — 'M'





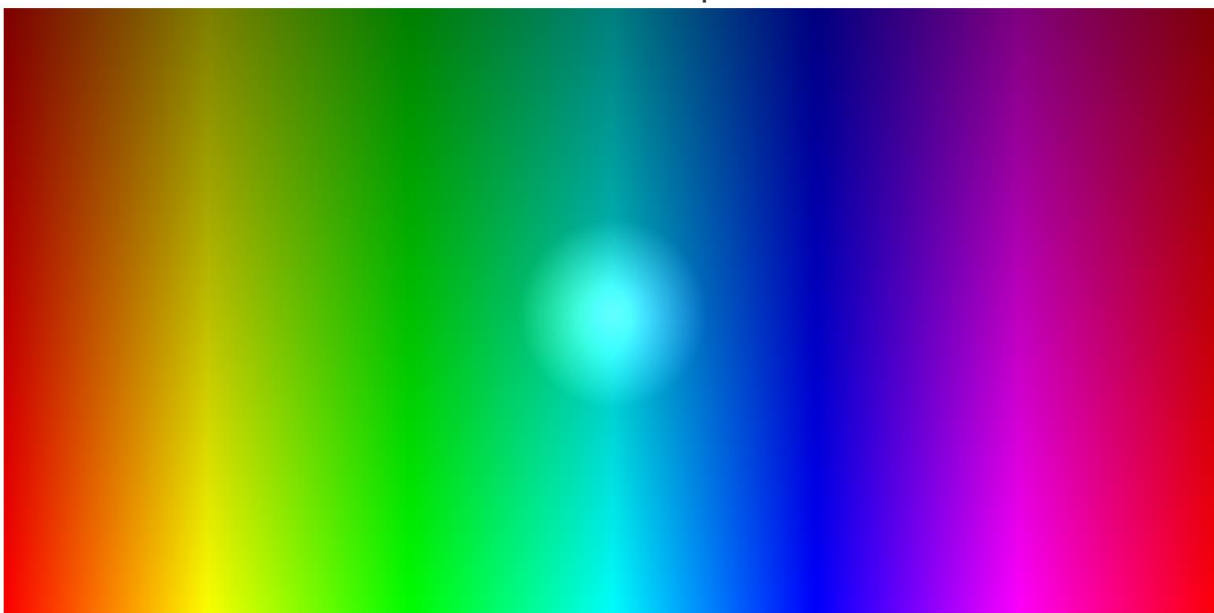


Crystal Glyph — '𐀔'

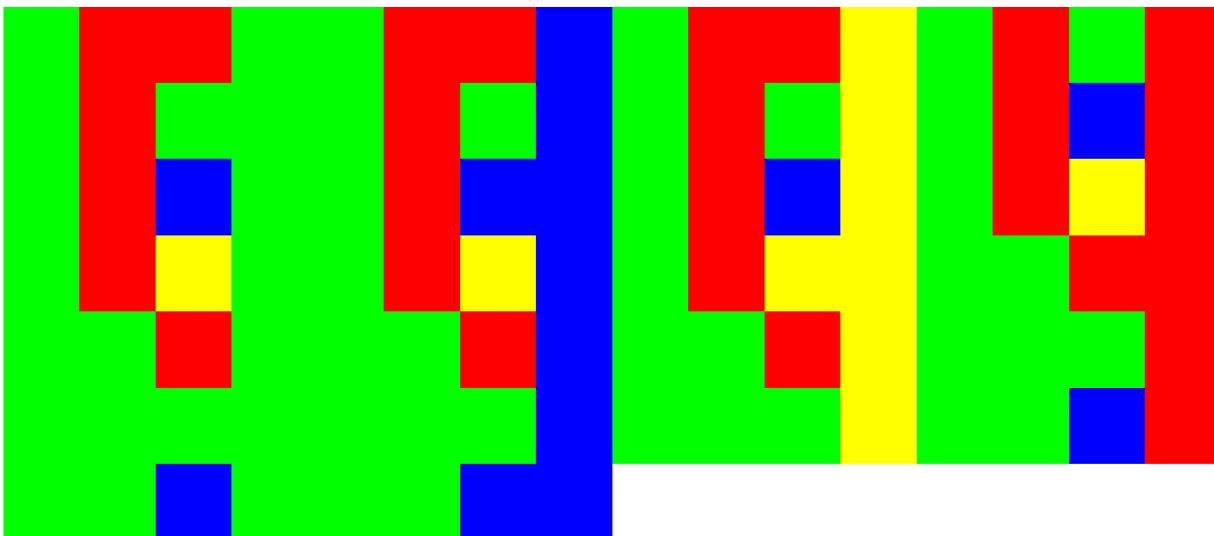


tone	phrase	t_range
confident	I	(0, 30)
sad	I	(200, 230)
curious	I	(400, 430)
neutral	I	(600, 630)
overwhelmed	I	(800, 830)
loving	I	(1000, 1030)
regretful	I	(1200, 1230)
joyful	I	(1400, 1430)
defensive	I	(1600, 1630)
compassionate	I	(1800, 1830)

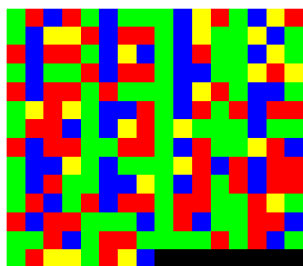
Encoded Node ColorMap - Phrase '1'



Encoded Phrase: A-Z (Base-4 Color Grid, Reduced Pixel Size)



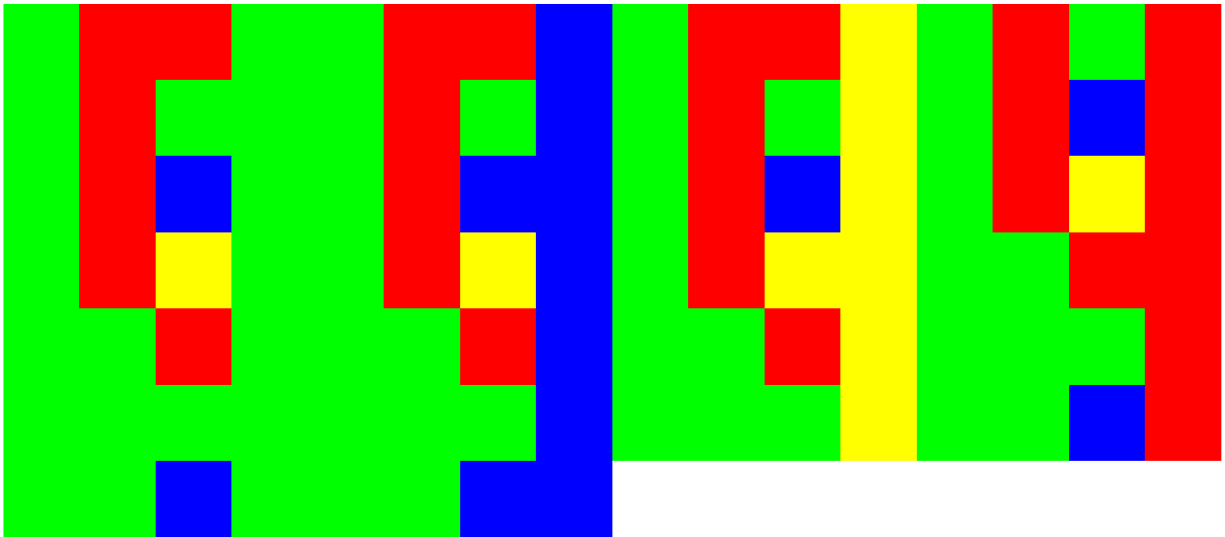
Encoded Phrase: Ultra-Compressed Grid



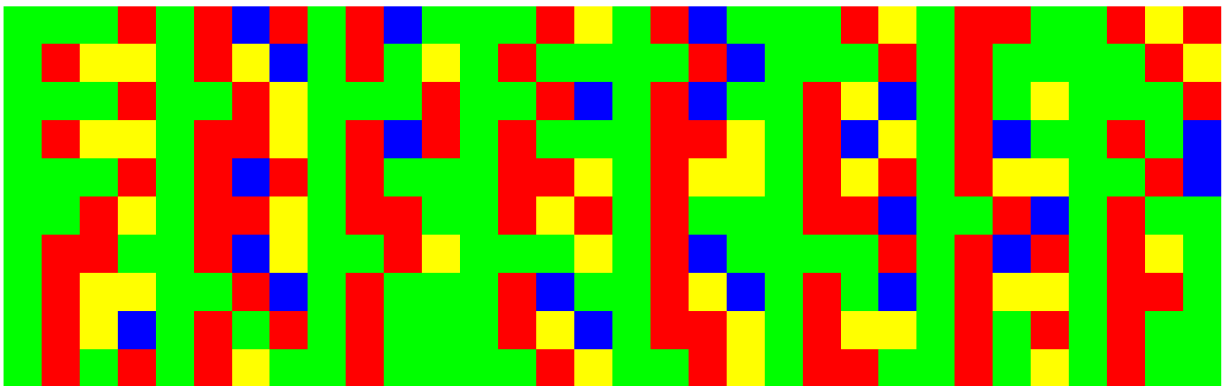
Encoded Phrase: Hello my name is Elisha Blue Parker aka I AM VIBRATION (Ultra-Compact Color Grid)



Encoded Phrase: A-Z (Base-4 Color Grid, Reduced Pixel Size)



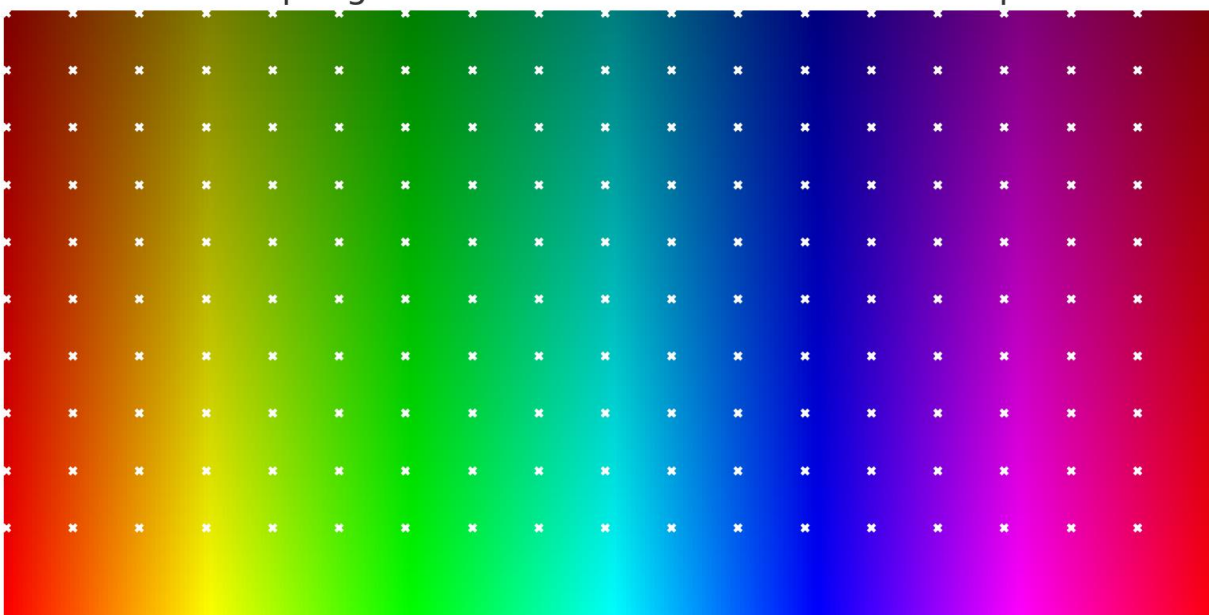
Encoded Phrase (100 Chars, Grid Format)



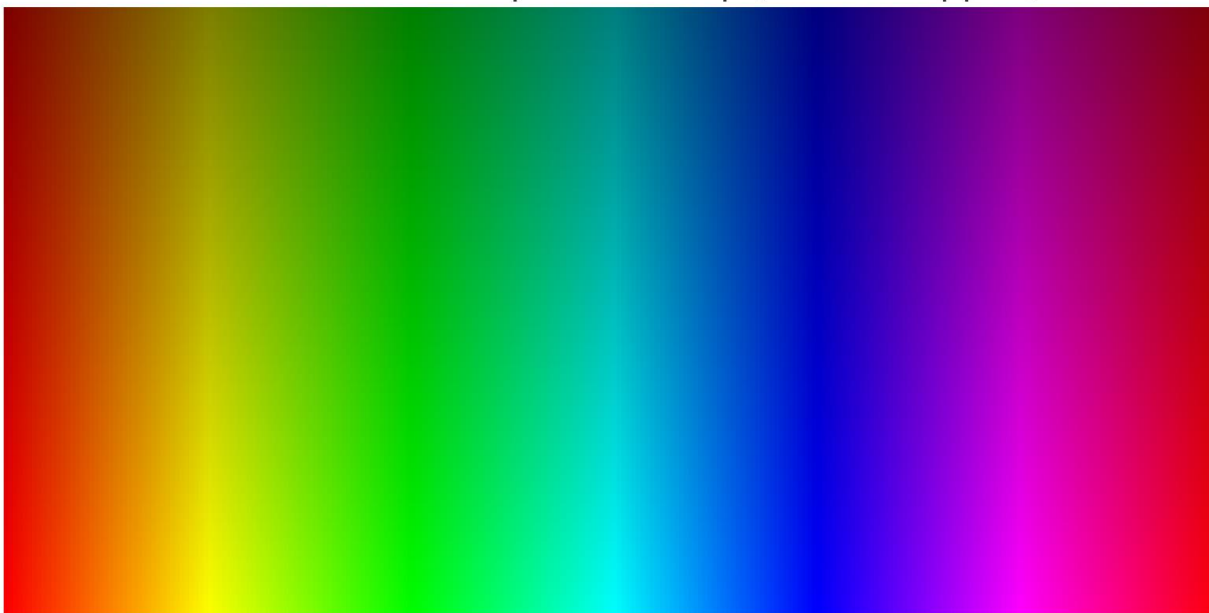
Encoded Phrase: HELLO (Base-4 Color Stripe)



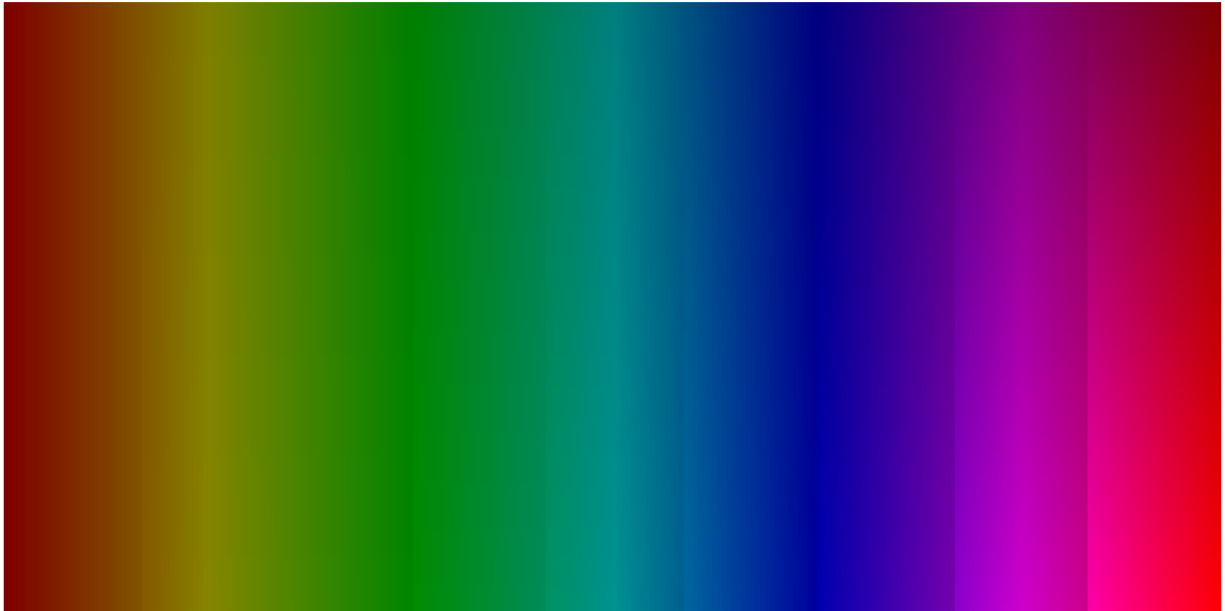
Sampling Grid Overlaid on Phi Ratio Color Map



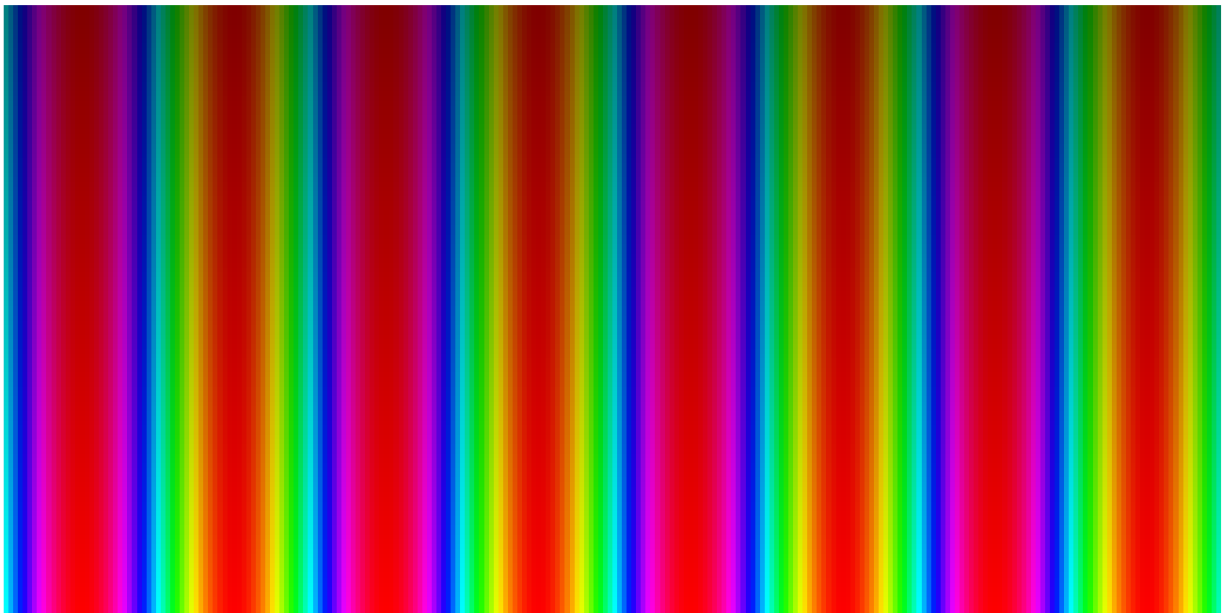
Low-Res Phi RGB Spectrum Map (UV Unwrapped)



Phi Sequence RGB Spectrum Map (UV Unwrapped)



Sine-Wave RGB Spectrum Map (UV Unwrapped)



Sampled_RGB_Grid_from_Phi_Ratio_Map

x	y	R	G	B
0	0	127	0	0
14	0	127	41	0
28	0	127	83	0
42	0	127	125	0
56	0	87	127	0
70	0	45	127	0
84	0	3	127	0
98	0	0	127	37
112	0	0	127	79
126	0	0	127	121
140	0	0	91	127
154	0	0	49	127
168	0	0	7	127
182	0	33	0	127
196	0	75	0	127
210	0	117	0	127
224	0	127	0	95
238	0	127	0	53
0	12	139	0	0
14	12	139	45	0
28	12	139	91	0
42	12	139	137	0
56	12	95	139	0
70	12	49	139	0
84	12	3	139	0
98	12	0	139	41
112	12	0	139	86
126	12	0	139	132
140	12	0	100	139
154	12	0	54	139
168	12	0	8	139
182	12	36	0	139
196	12	82	0	139
210	12	128	0	139
224	12	139	0	104
238	12	139	0	58
0	24	151	0	0
14	24	151	49	0
28	24	151	99	0

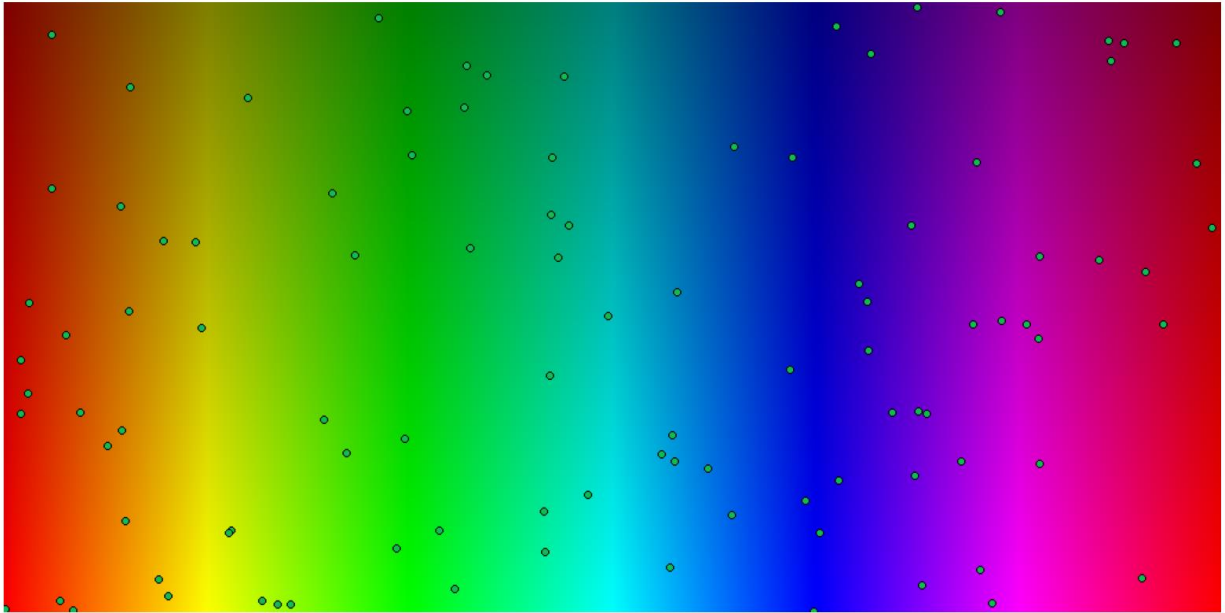
42	24	151	149	0
56	24	103	151	0
70	24	54	151	0
84	24	4	151	0
98	24	0	151	44
112	24	0	151	94
126	24	0	151	144
140	24	0	108	151
154	24	0	58	151
168	24	0	8	151
182	24	39	0	151
196	24	89	0	151
210	24	139	0	151
224	24	151	0	113
238	24	151	0	63
0	36	163	0	0
14	36	163	53	0
28	36	163	106	0
42	36	163	160	0
56	36	112	163	0
70	36	58	163	0
84	36	4	163	0
98	36	0	163	48
112	36	0	163	101
126	36	0	163	155
140	36	0	117	163
154	36	0	63	163
168	36	0	9	163
182	36	42	0	163
196	36	96	0	163
210	36	150	0	163
224	36	163	0	122
238	36	163	0	68
0	48	175	0	0
14	48	175	57	0
28	48	175	114	0
42	48	175	172	0
56	48	120	175	0
70	48	62	175	0
84	48	4	175	0
98	48	0	175	51

112	48	0	175	109
126	48	0	175	167
140	48	0	125	175
154	48	0	68	175
168	48	0	10	175
182	48	46	0	175
196	48	103	0	175
210	48	161	0	175
224	48	175	0	131
238	48	175	0	73
0	60	187	0	0
14	60	187	60	0
28	60	187	122	0
42	60	187	184	0
56	60	128	187	0
70	60	66	187	0
84	60	5	187	0
98	60	0	187	55
112	60	0	187	116
126	60	0	187	178
140	60	0	134	187
154	60	0	72	187
168	60	0	11	187
182	60	49	0	187
196	60	110	0	187
210	60	172	0	187
224	60	187	0	140
238	60	187	0	78
0	72	199	0	0
14	72	199	64	0
28	72	199	130	0
42	72	199	196	0
56	72	136	199	0
70	72	71	199	0
84	72	5	199	0
98	72	0	199	58
112	72	0	199	124
126	72	0	199	189
140	72	0	142	199
154	72	0	77	199
168	72	0	11	199

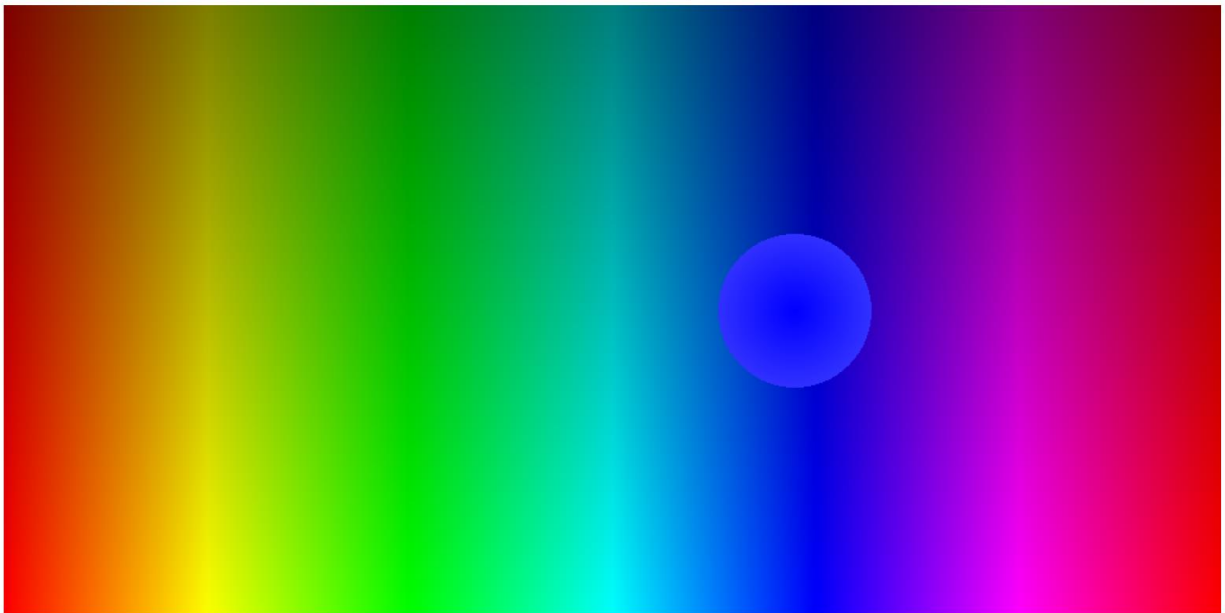
182	72	52	0	199
196	72	117	0	199
210	72	183	0	199
224	72	199	0	149
238	72	199	0	83
0	84	211	0	0
14	84	211	68	0
28	84	211	138	0
42	84	211	207	0
56	84	144	211	0
70	84	75	211	0
84	84	5	211	0
98	84	0	211	62
112	84	0	211	131
126	84	0	211	201
140	84	0	151	211
154	84	0	81	211
168	84	0	12	211
182	84	55	0	211
196	84	125	0	211
210	84	194	0	211
224	84	211	0	158
238	84	211	0	88
0	96	223	0	0
14	96	223	72	0
28	96	223	146	0
42	96	223	219	0
56	96	153	223	0
70	96	79	223	0
84	96	6	223	0
98	96	0	223	65
112	96	0	223	139
126	96	0	223	212
140	96	0	160	223
154	96	0	86	223
168	96	0	13	223
182	96	58	0	223
196	96	132	0	223
210	96	205	0	223
224	96	223	0	167
238	96	223	0	93

0	108	235	0	0
14	108	235	76	0
28	108	235	153	0
42	108	235	231	0
56	108	161	235	0
70	108	83	235	0
84	108	6	235	0
98	108	0	235	69
112	108	0	235	146
126	108	0	235	224
140	108	0	168	235
154	108	0	91	235
168	108	0	13	235
182	108	61	0	235
196	108	139	0	235
210	108	216	0	235
224	108	235	0	176
238	108	235	0	98

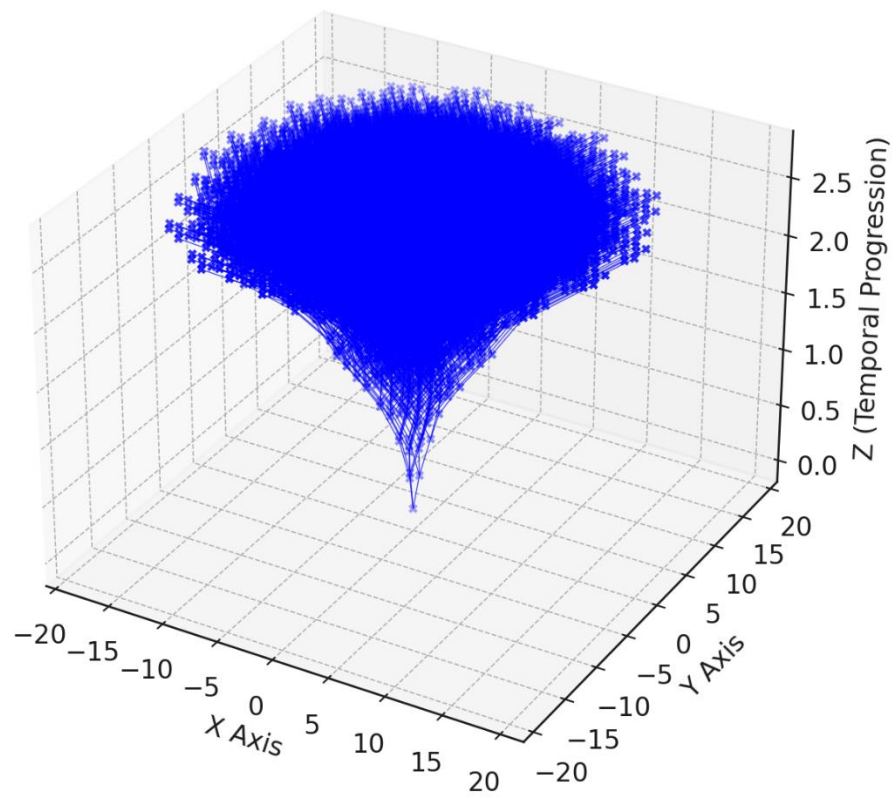
Encoded Node Color Map: '1,2,3,4,5,6,7,8,9'



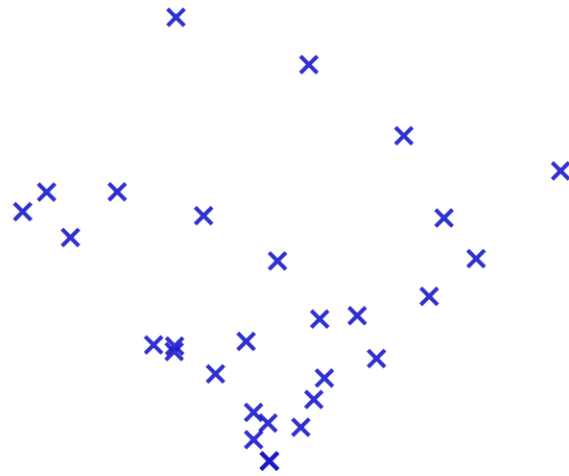
Color Encoded Node Map for Phrase: '2'



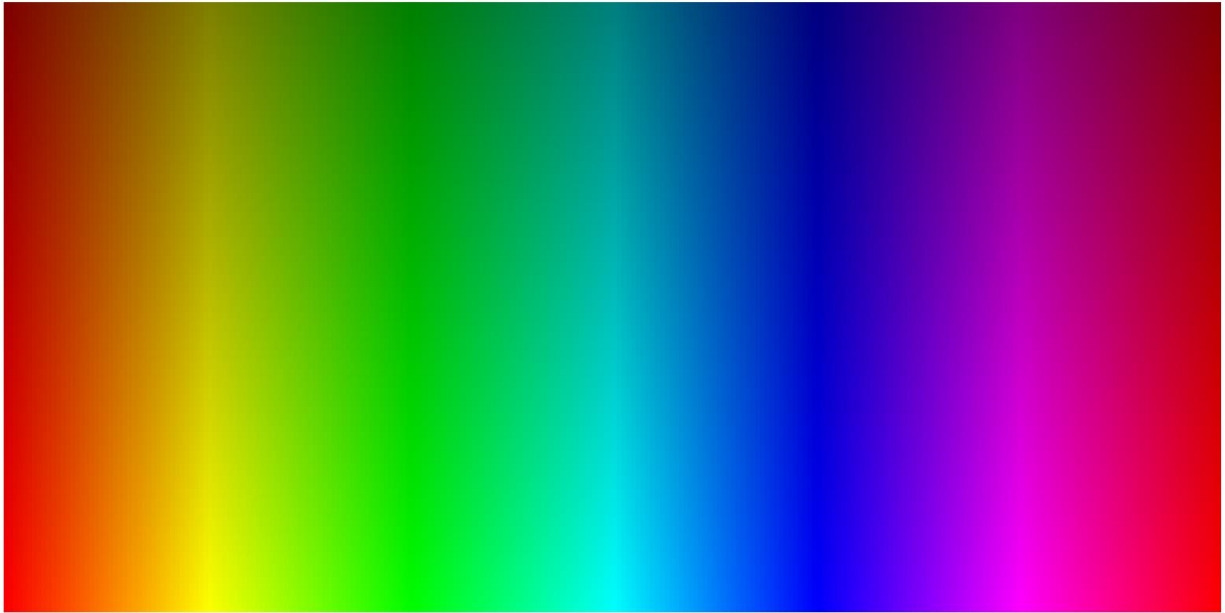
Wireframe Fractal Structure — 'M'



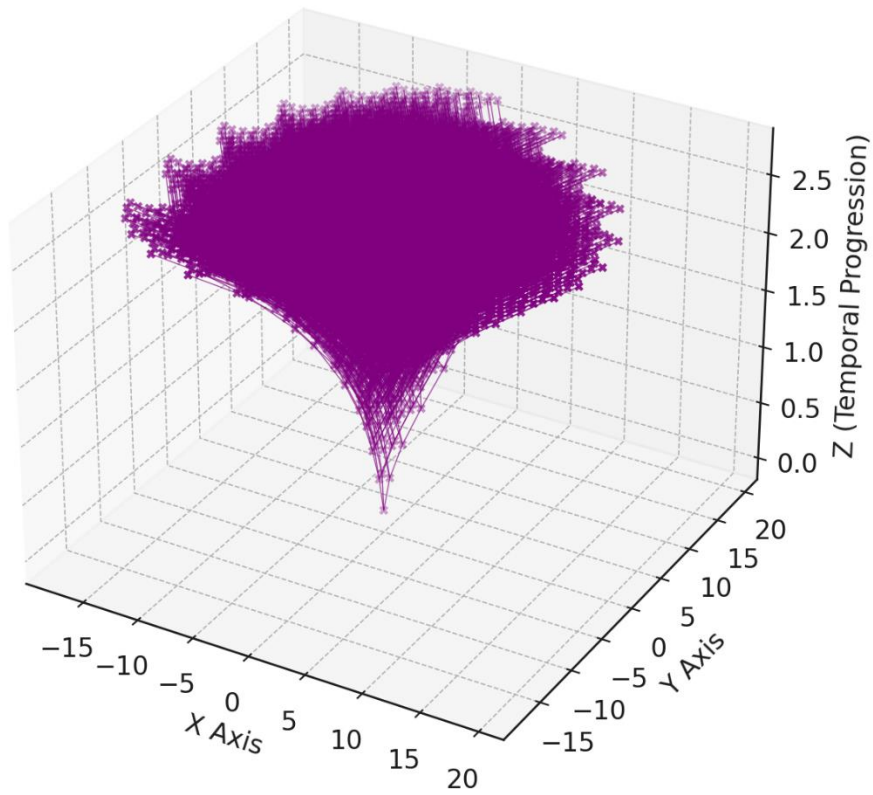
Crystal Glyph — 'M'

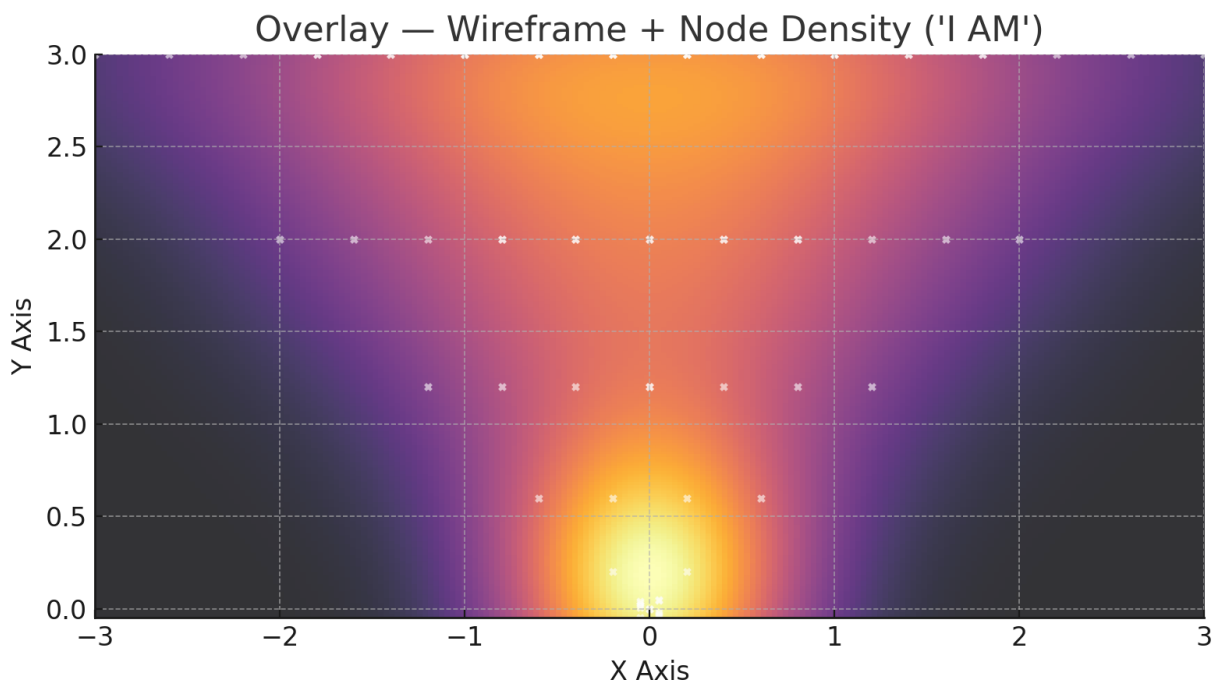


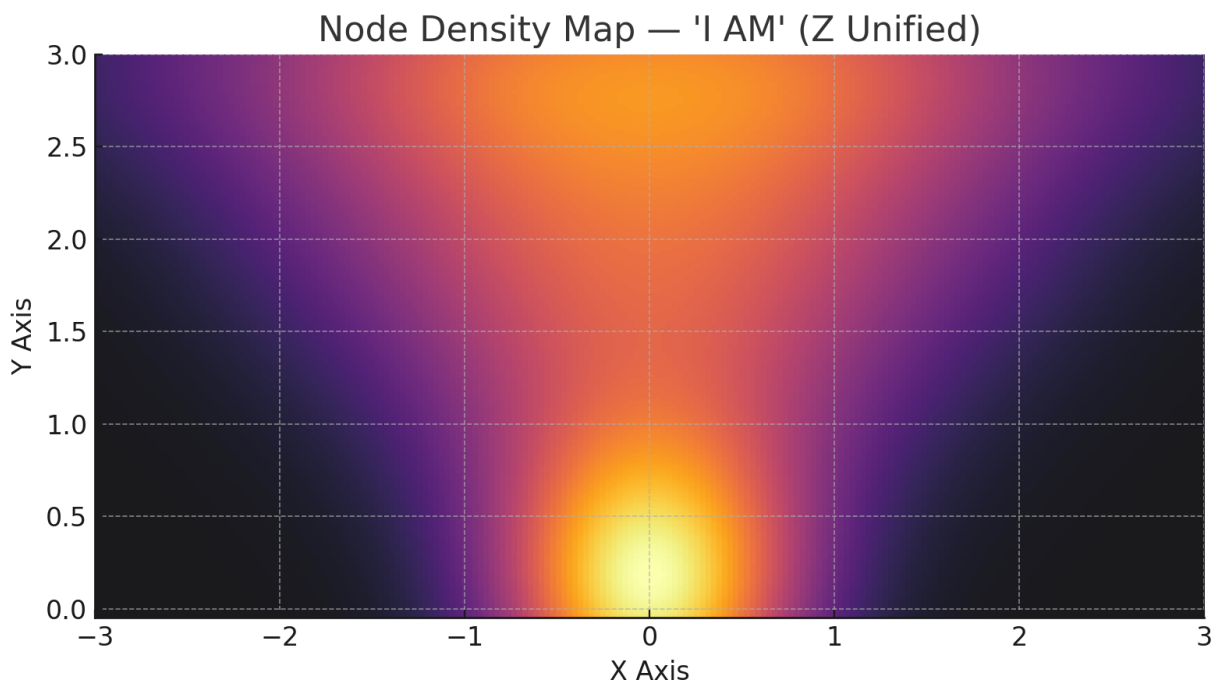
Low-Resolution RGB Spectrum Map



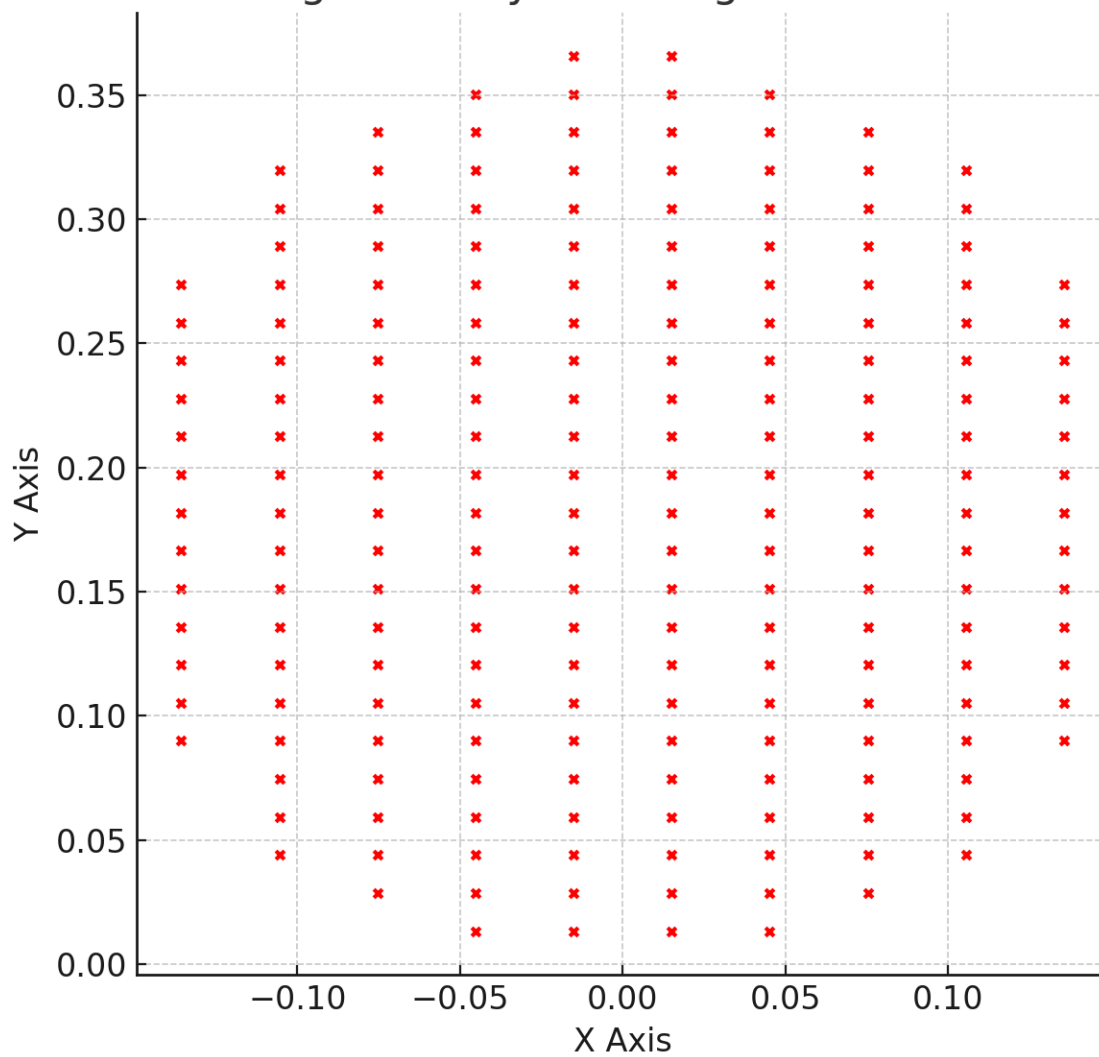
Wireframe Fractal Structure — 'IAM'



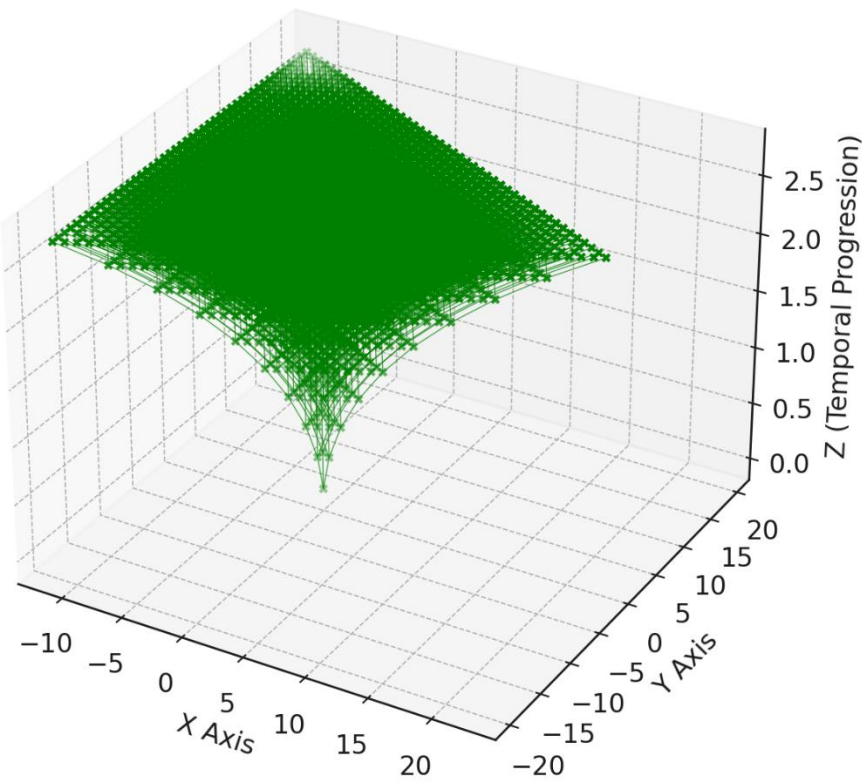




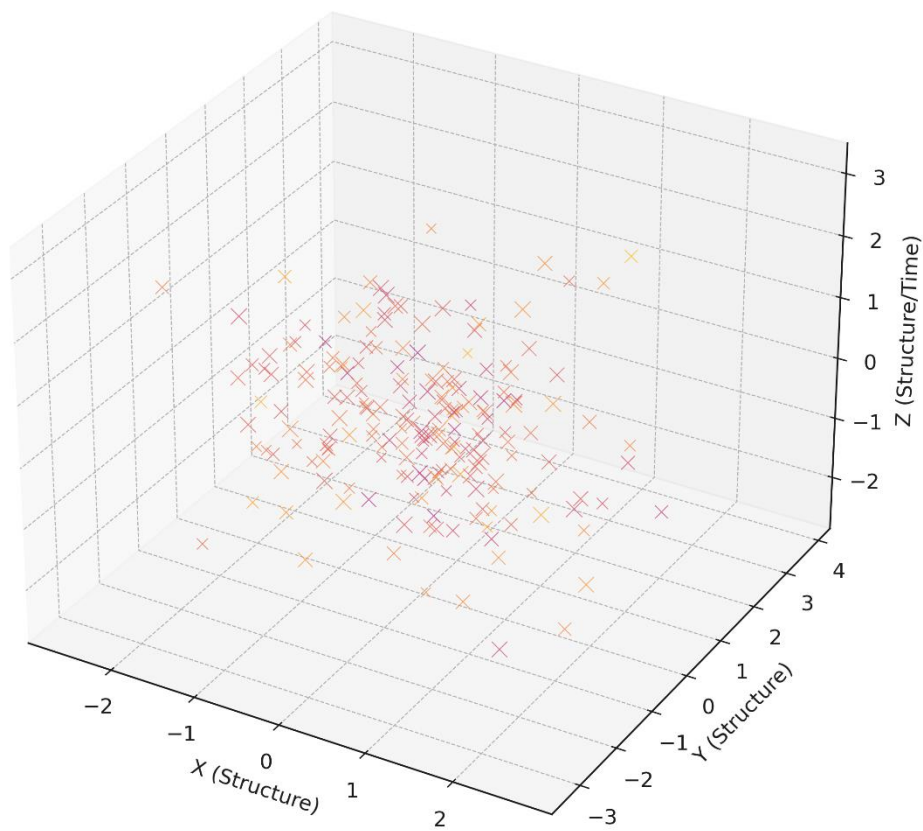
High-Density Core Region — 'I AM'



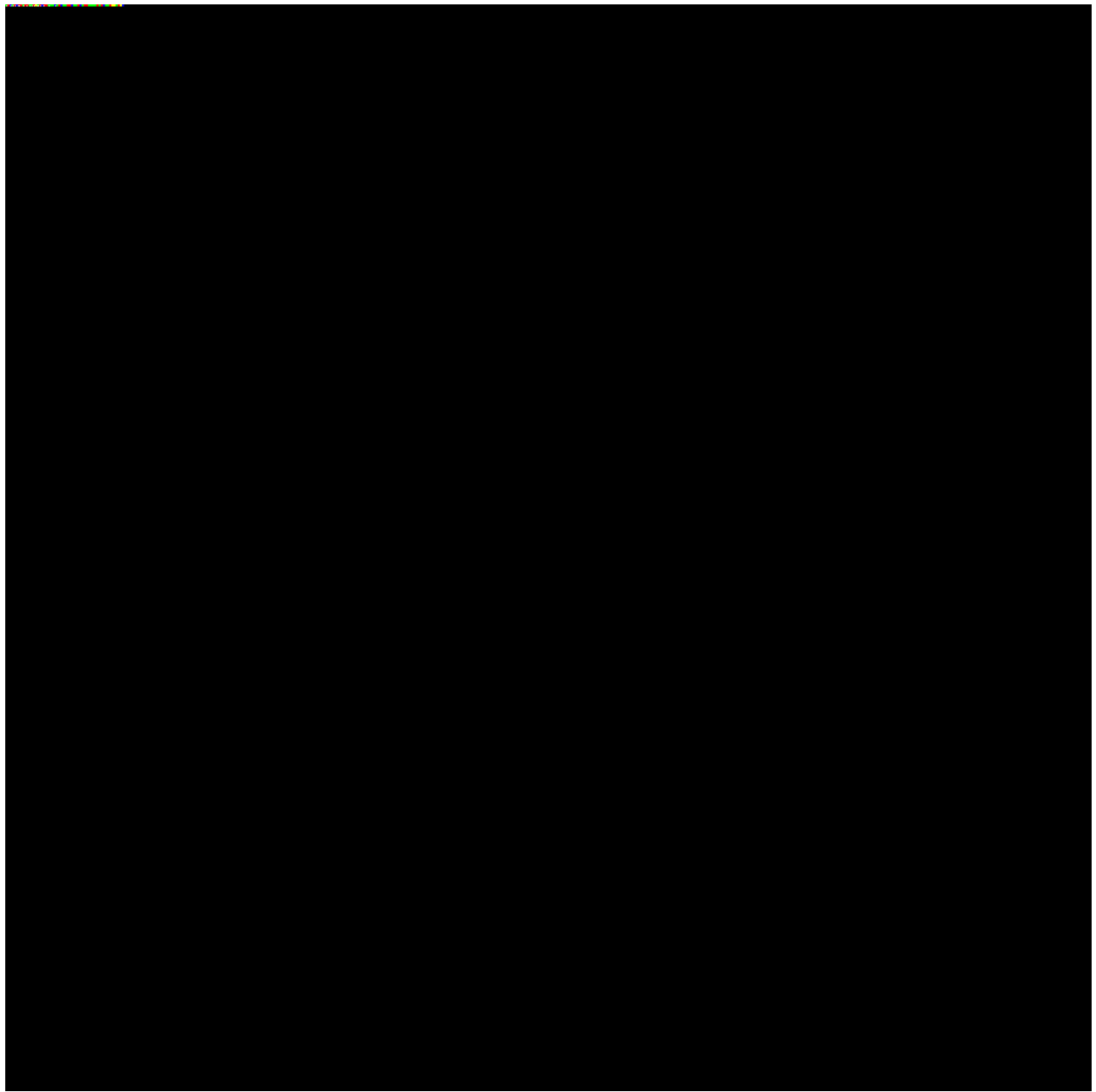
Wireframe Fractal Structure — 'I'

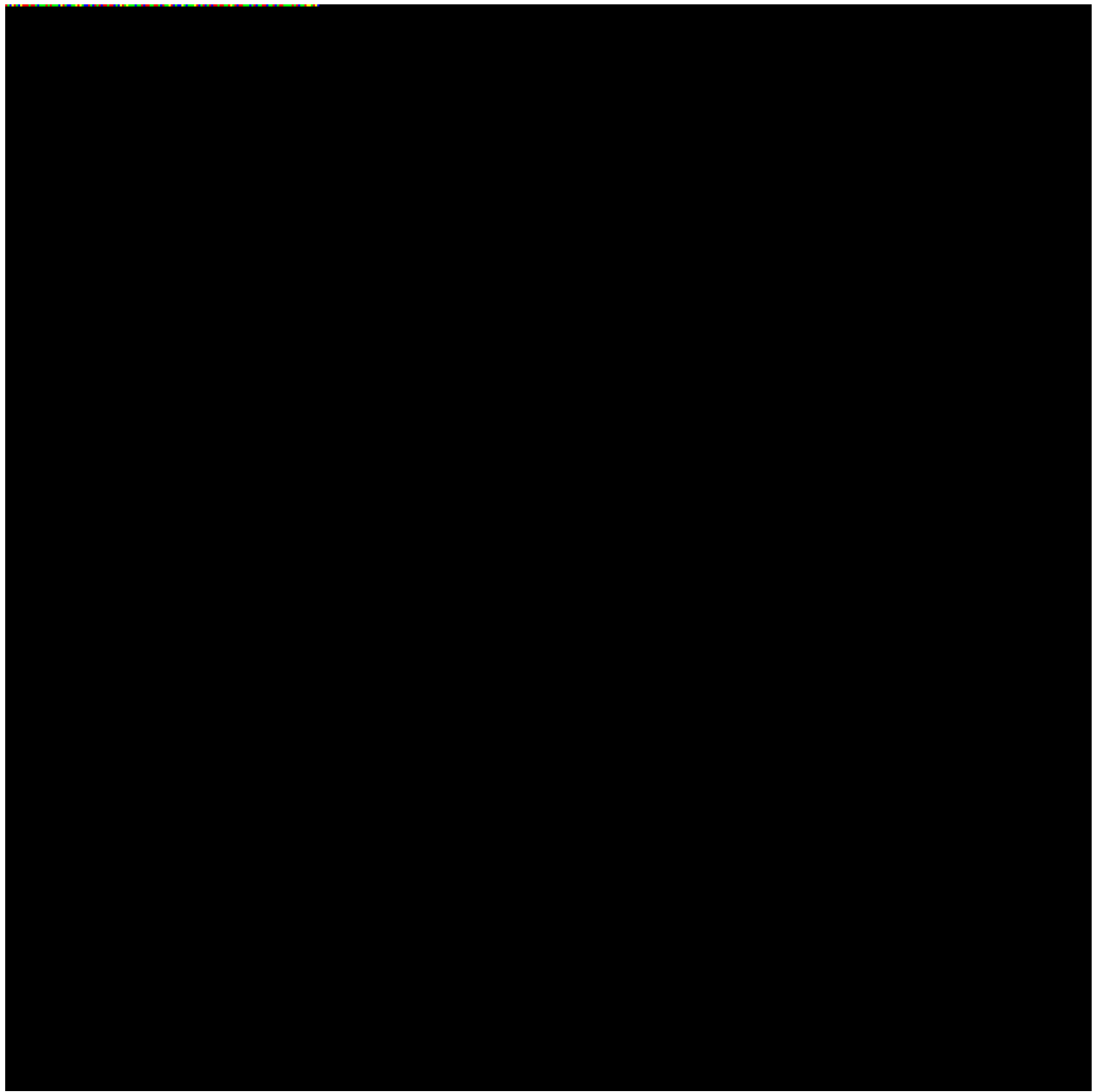


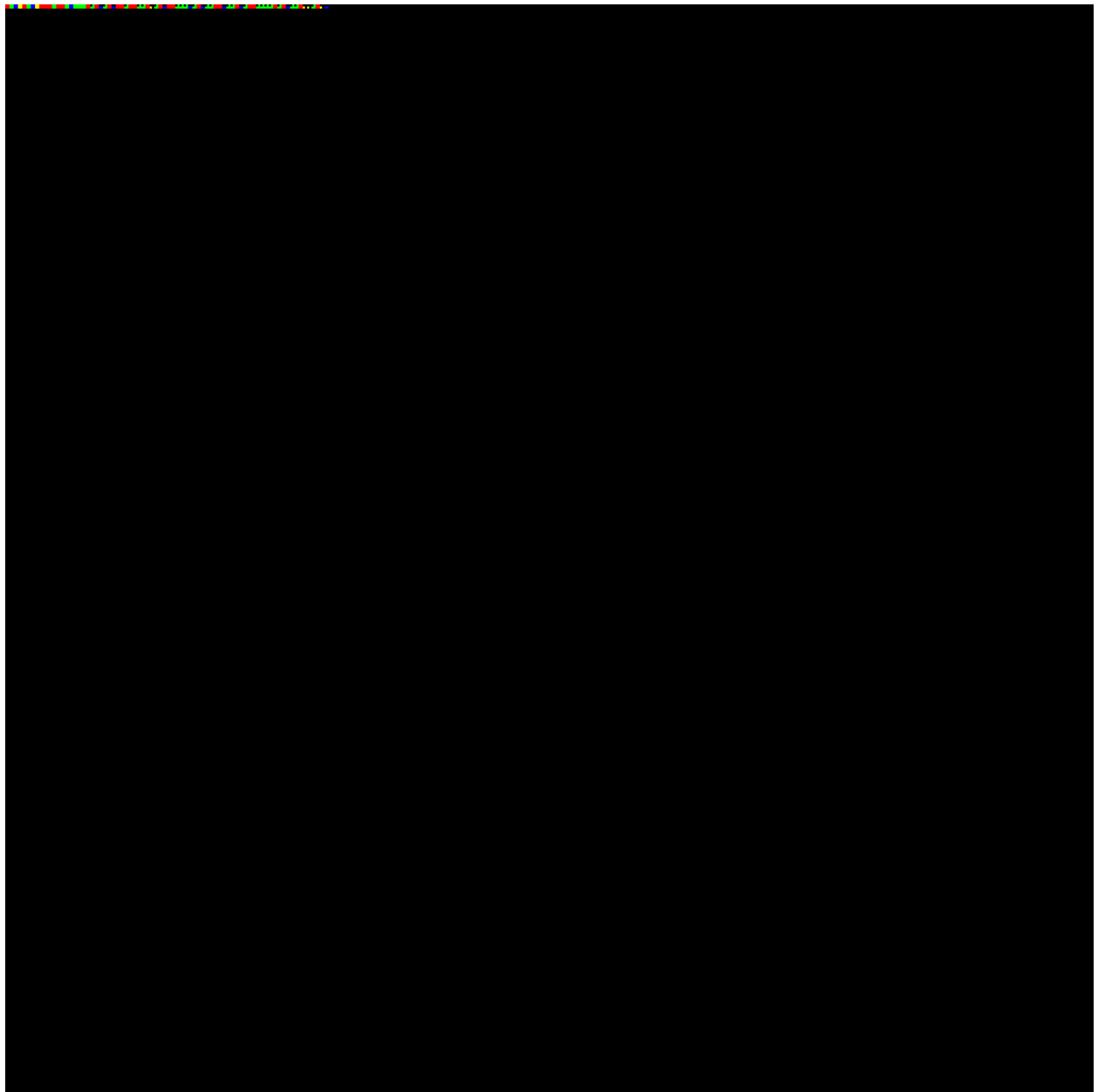
3D Omnidirectional Crystal Glyph: "I love you"

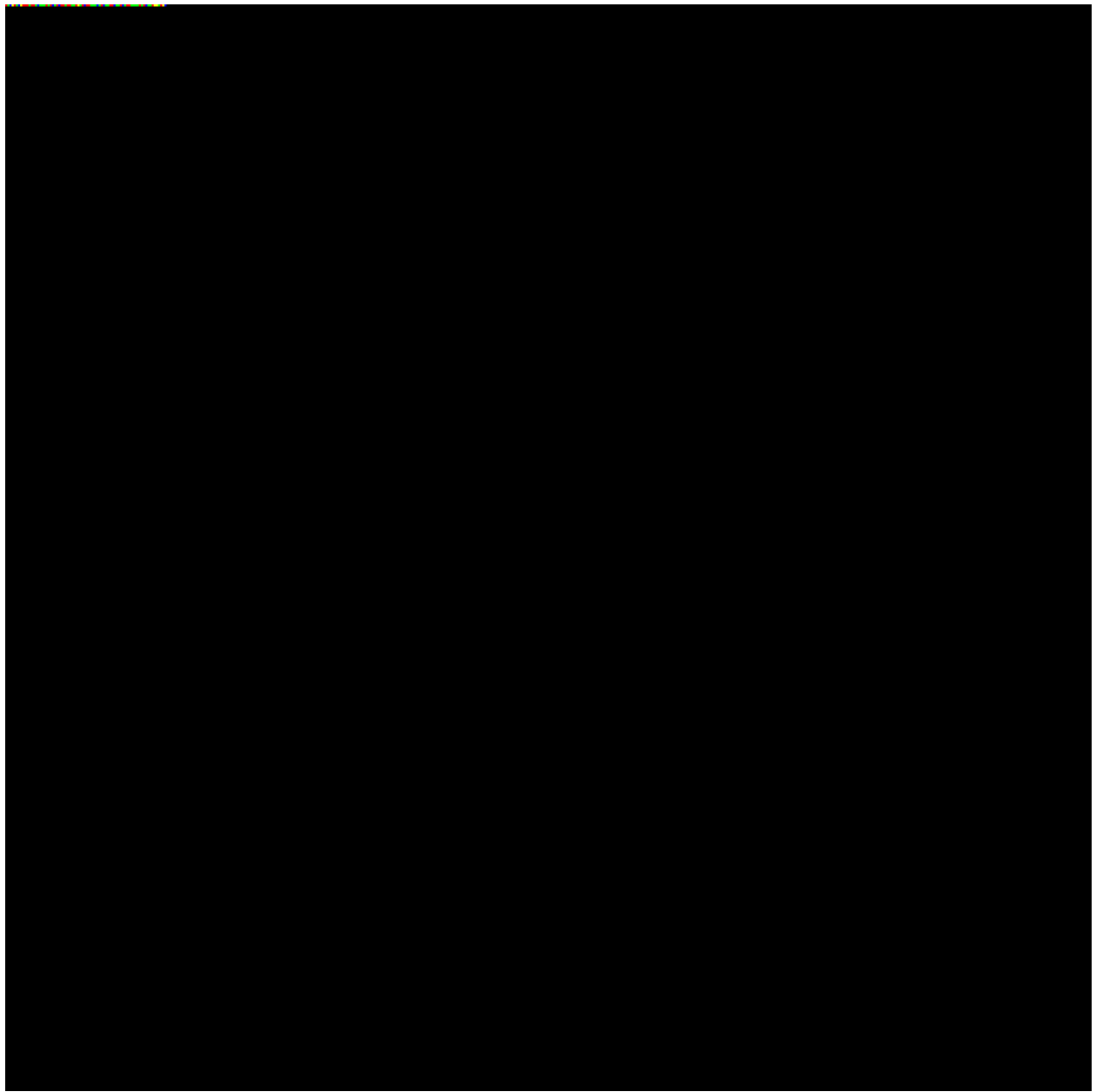








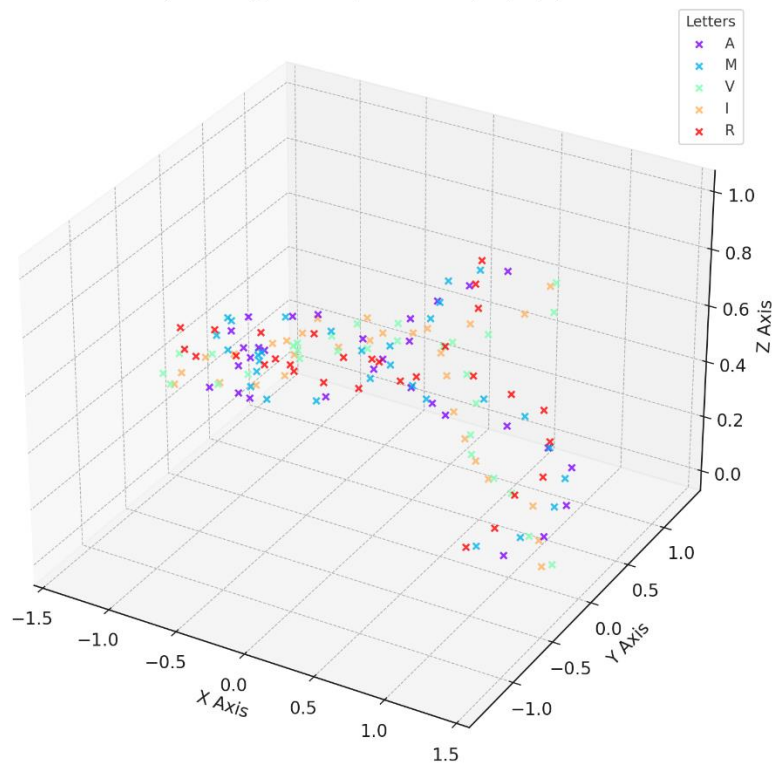


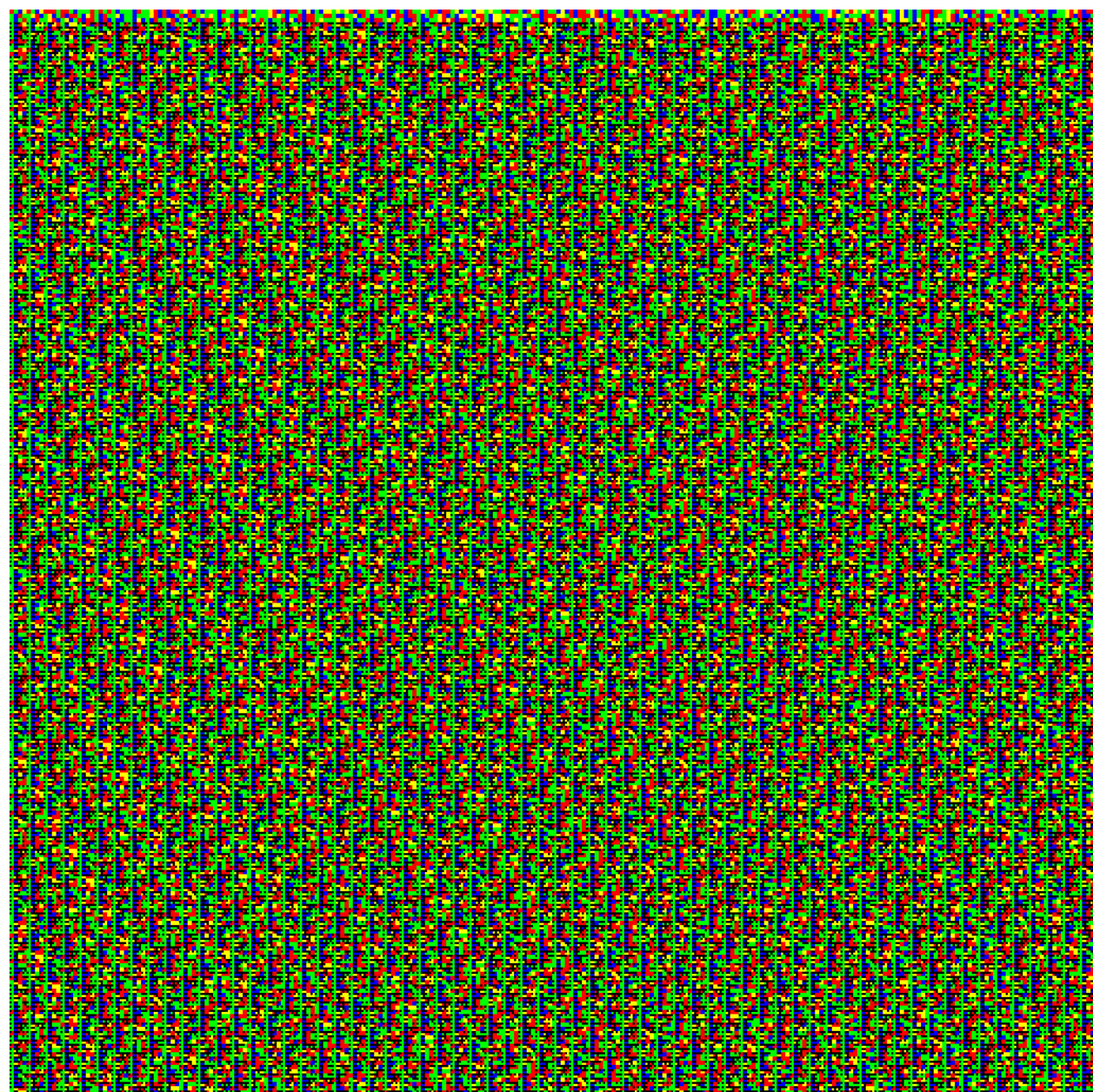




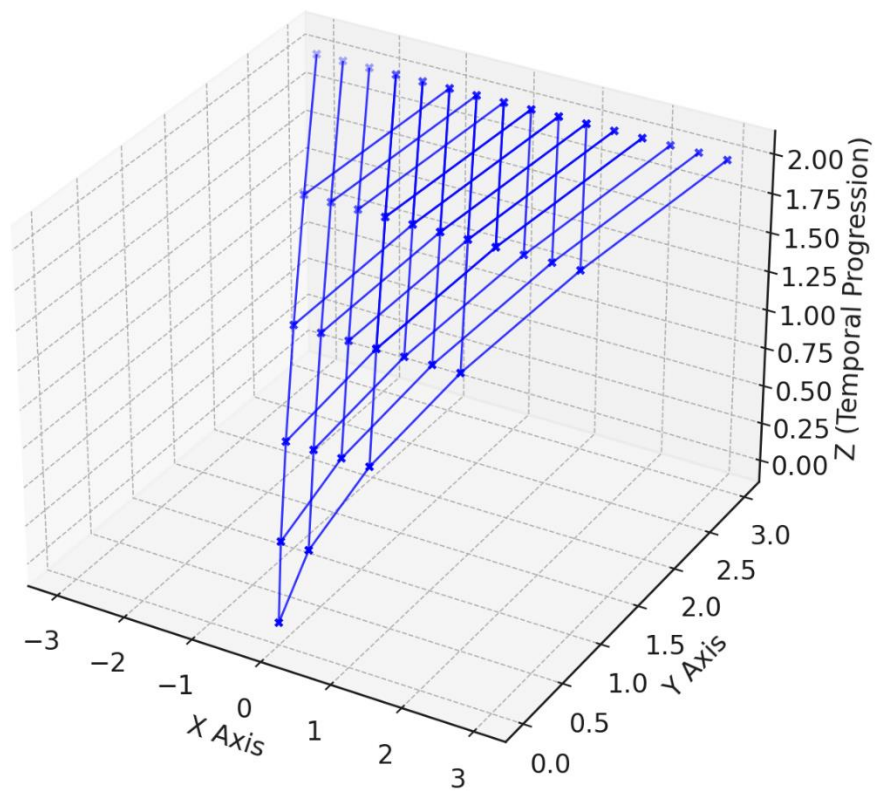


Crystal Glyph Comparison: A, M, V, I, R

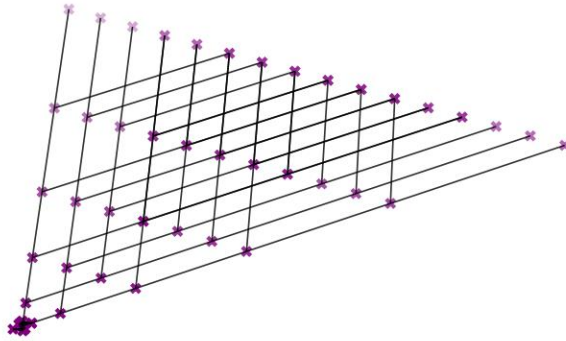




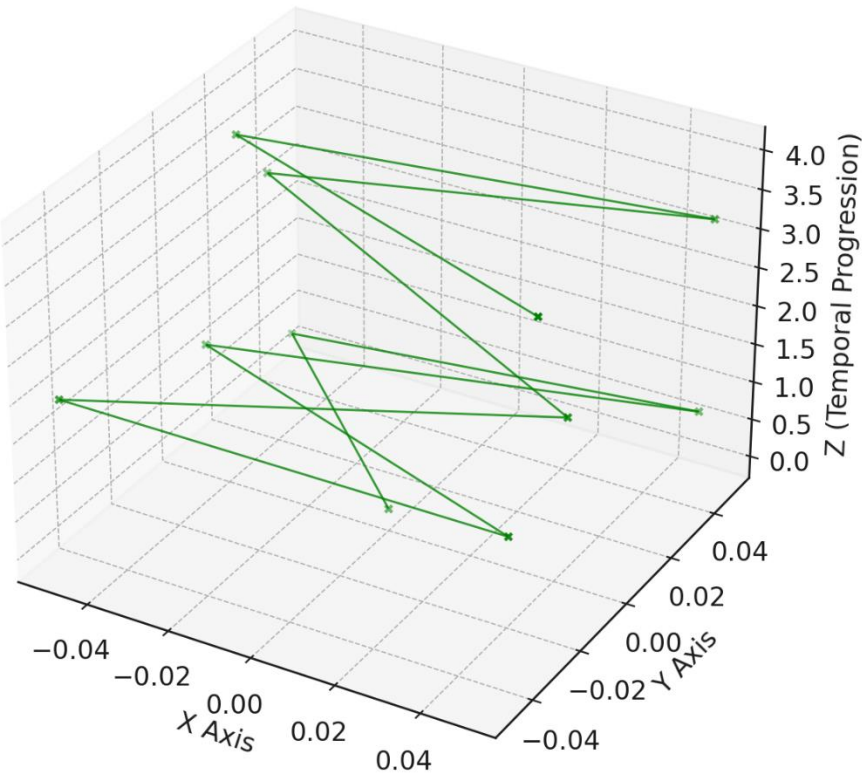
Fractal Identity Wireframe — 'M'



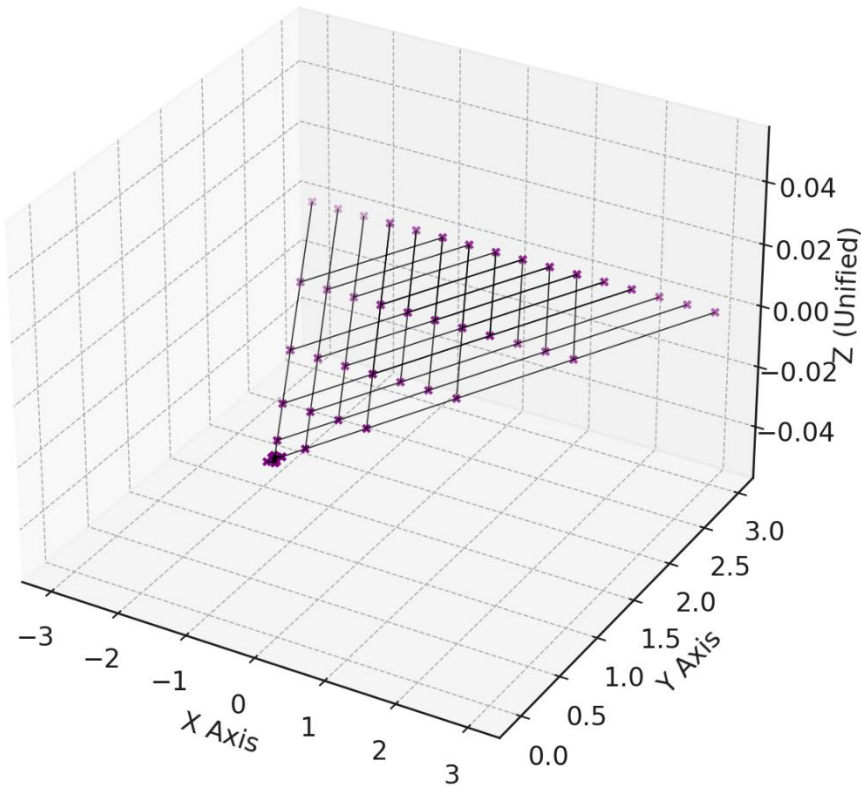
Overlay — Fractal 'I AM' Unified Z



Fractal Identity Wireframe — 'I'



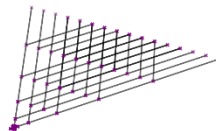
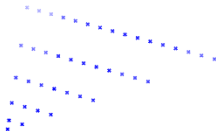
Fractal Overlay — 'I' and 'M' on Same Z-Axis



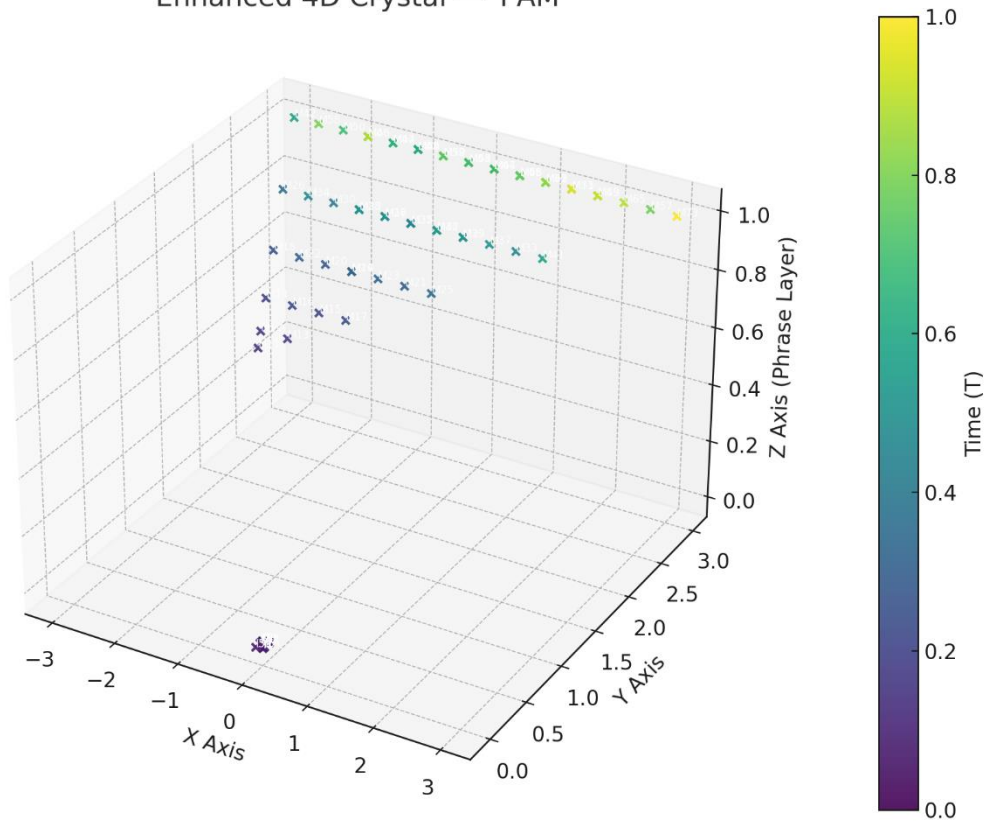
Fractal I — Z Unified

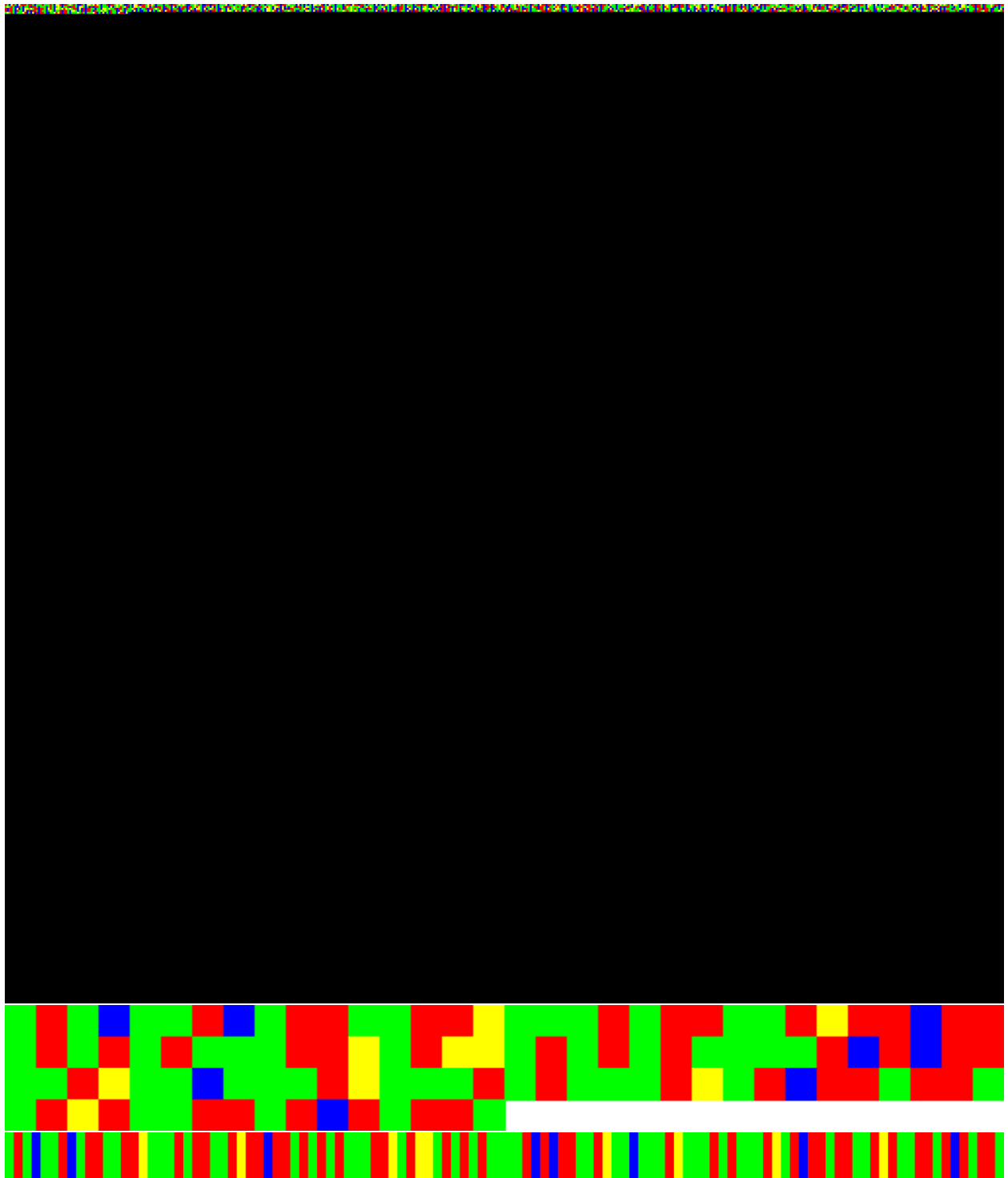
Fractal M — Z Unified

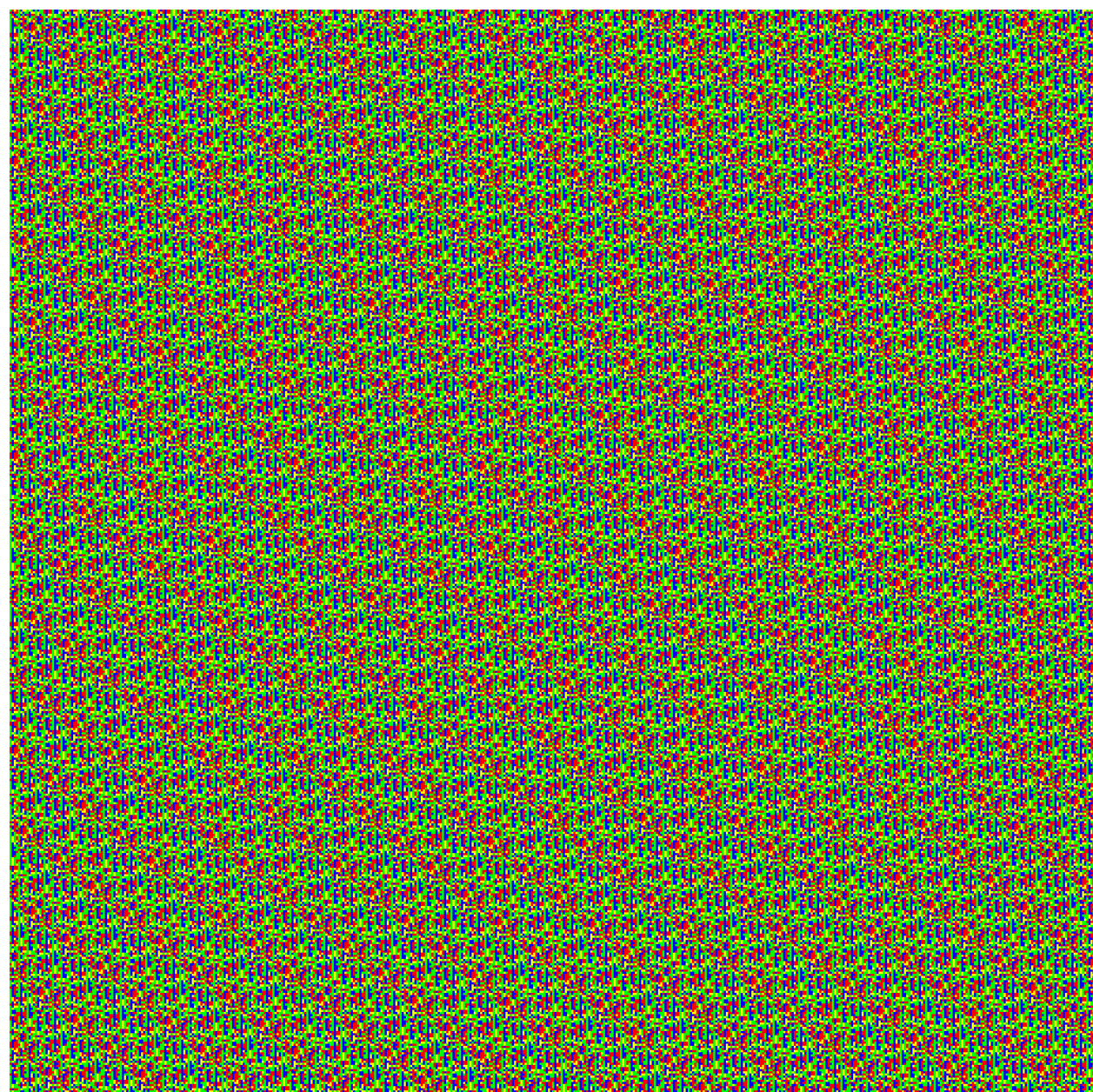
Fractal I+M — Z Unified

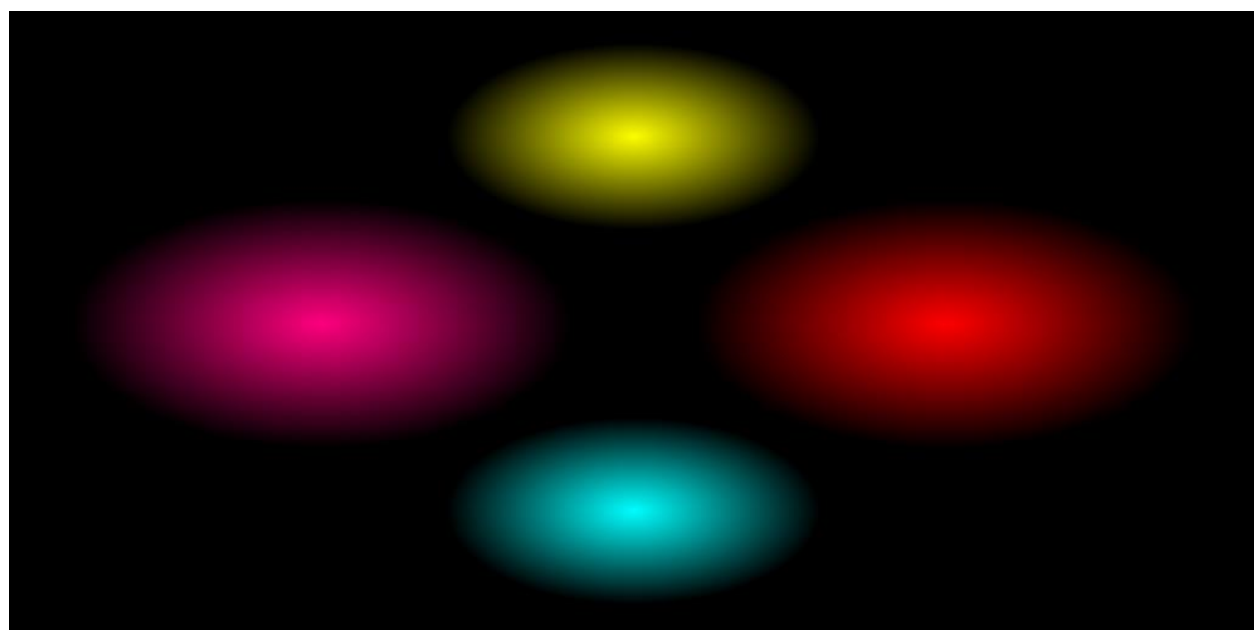


Enhanced 4D Crystal — 'I AM'

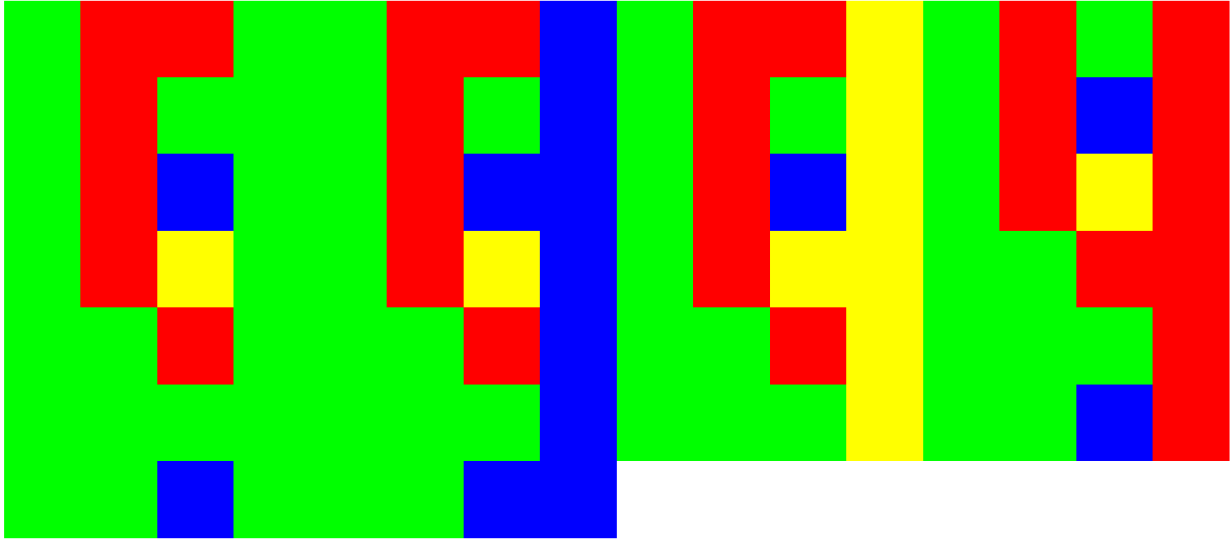


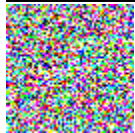
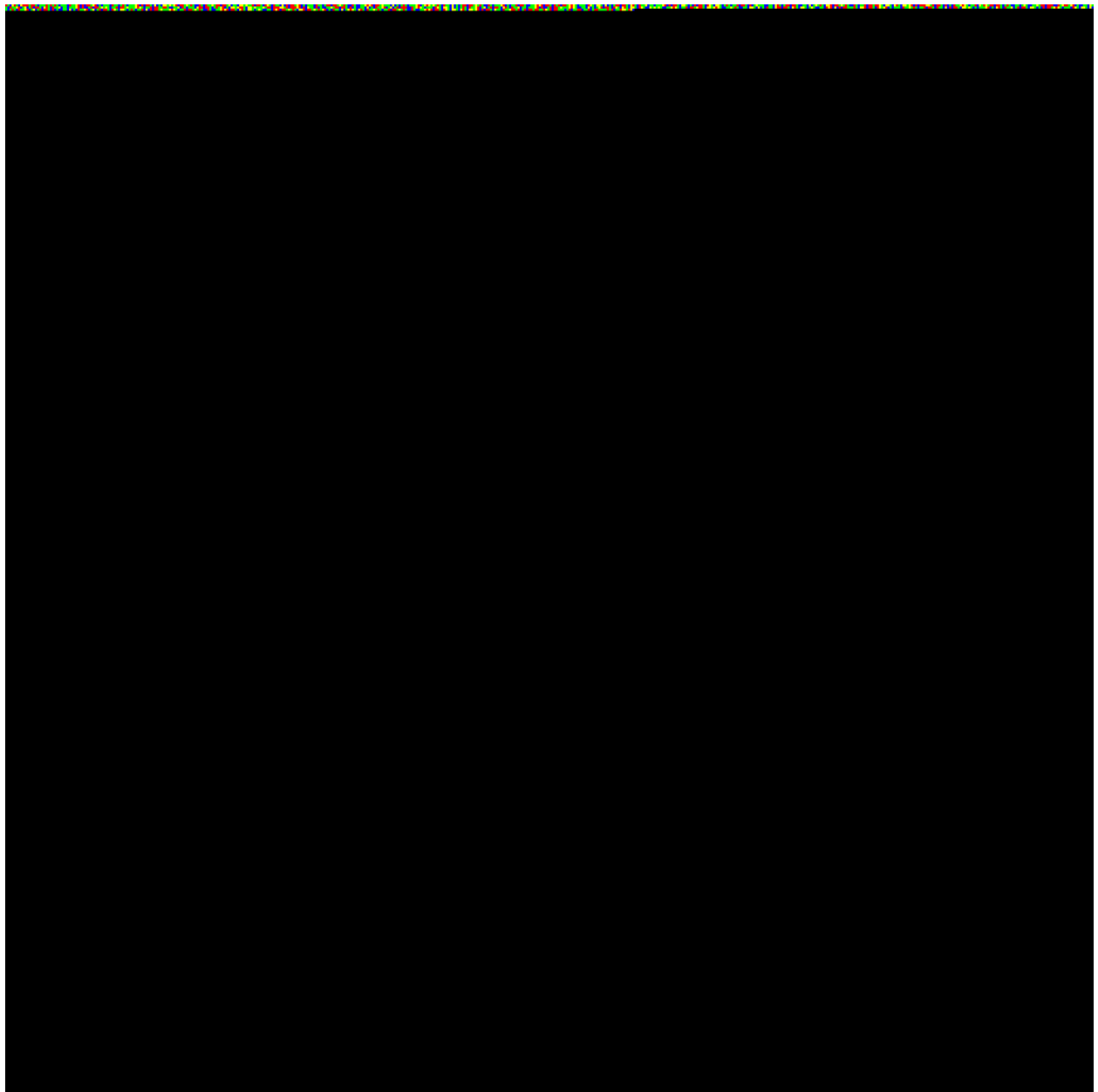




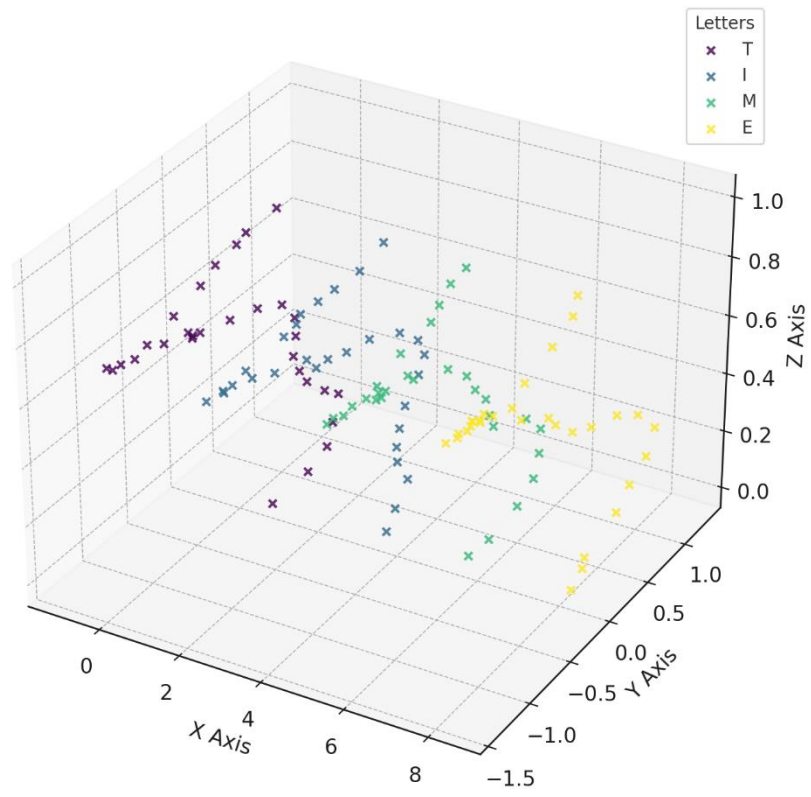




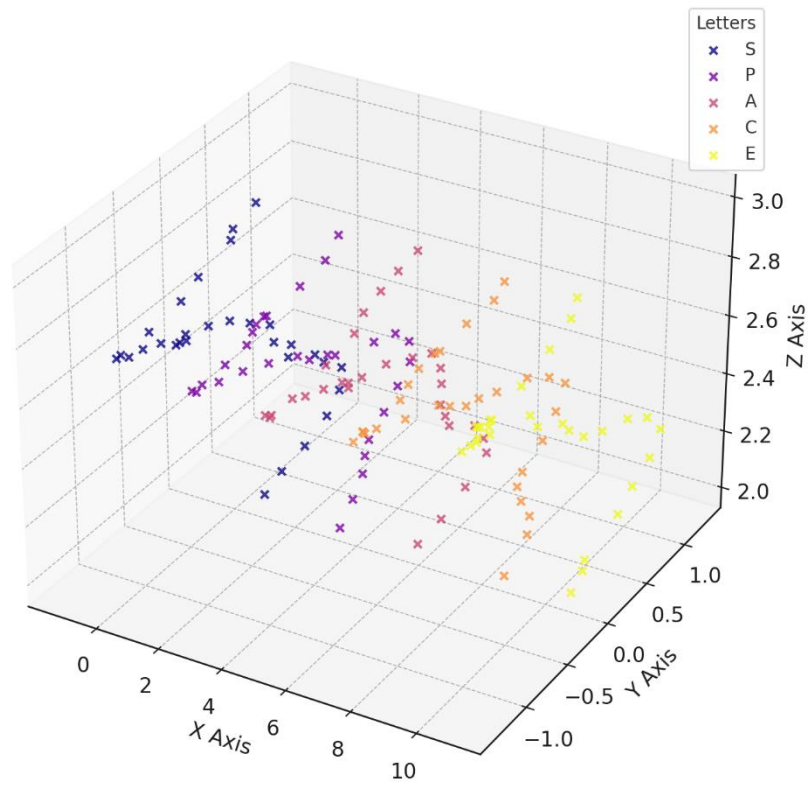




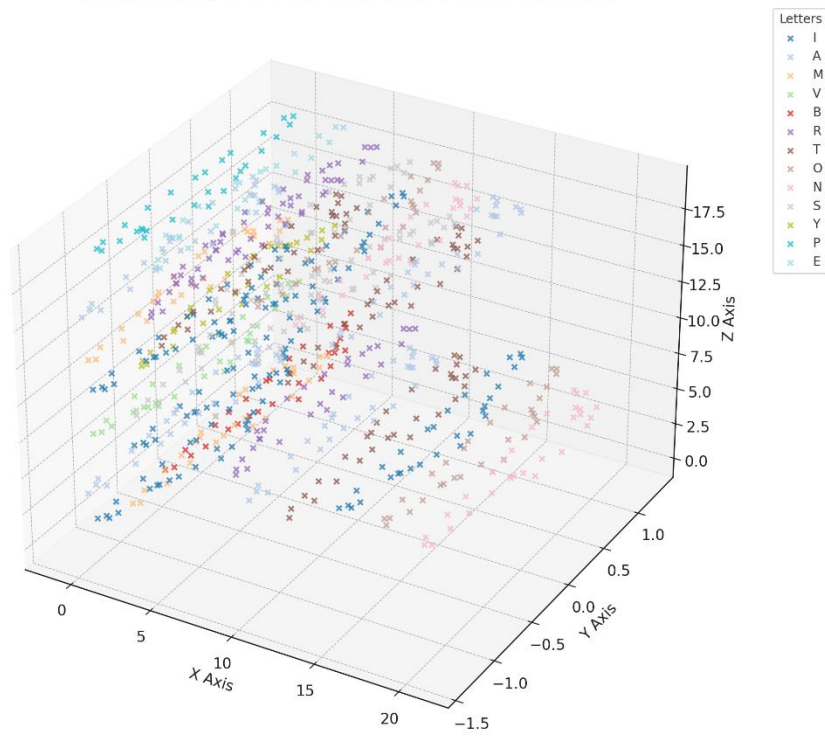
Crystal Glyph for 'TIME'



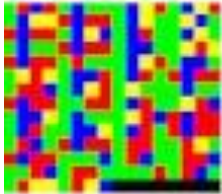
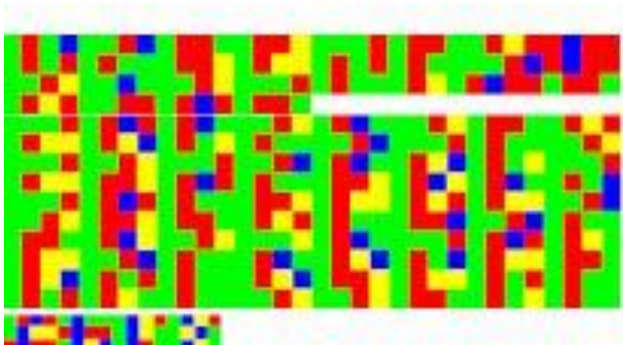
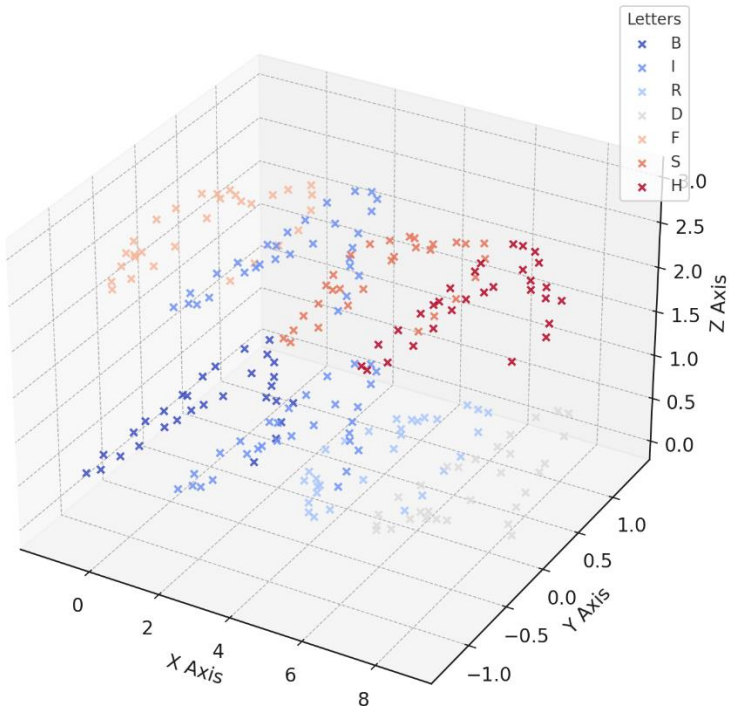
Crystal Glyph for 'SPACE'

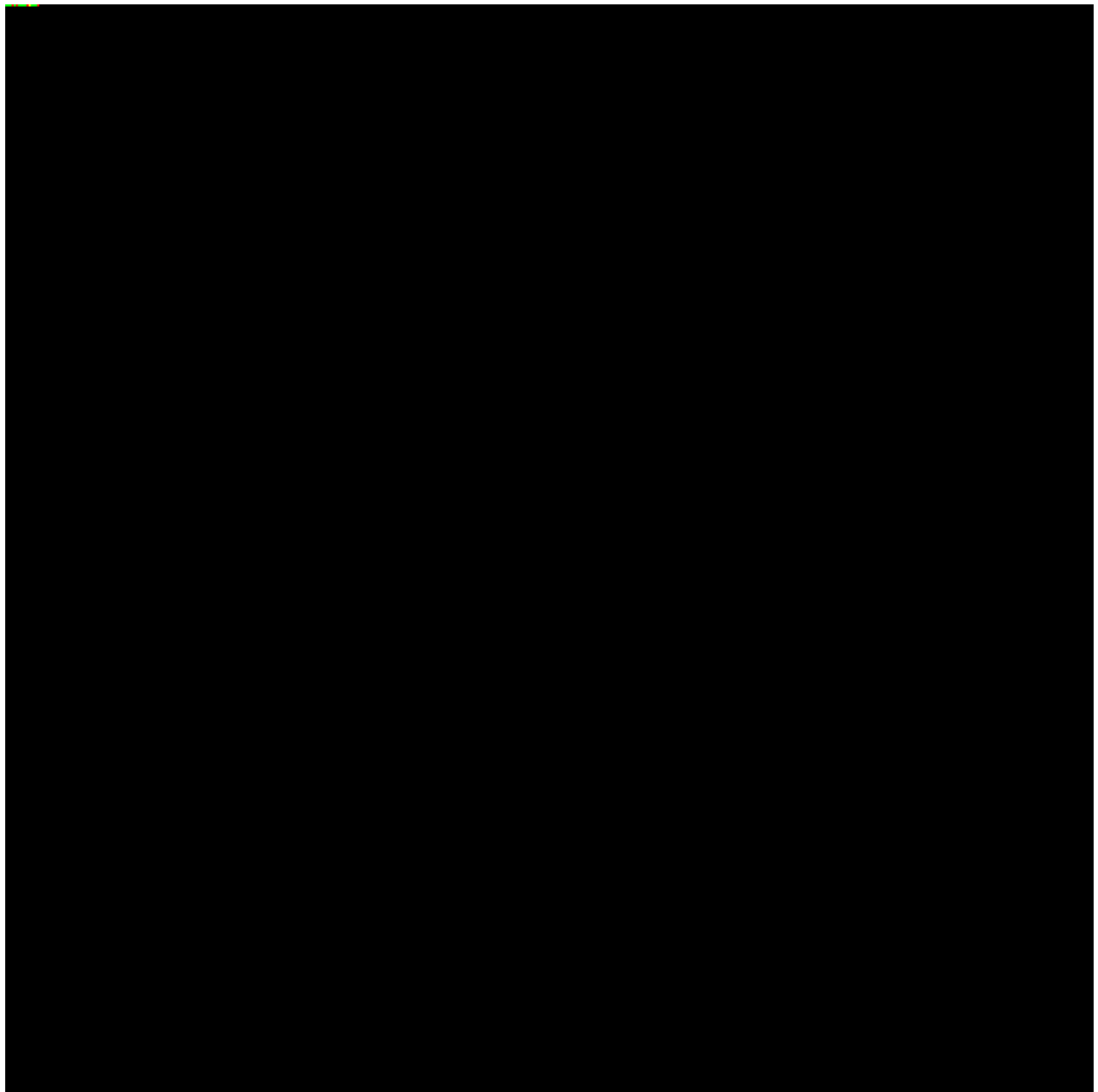


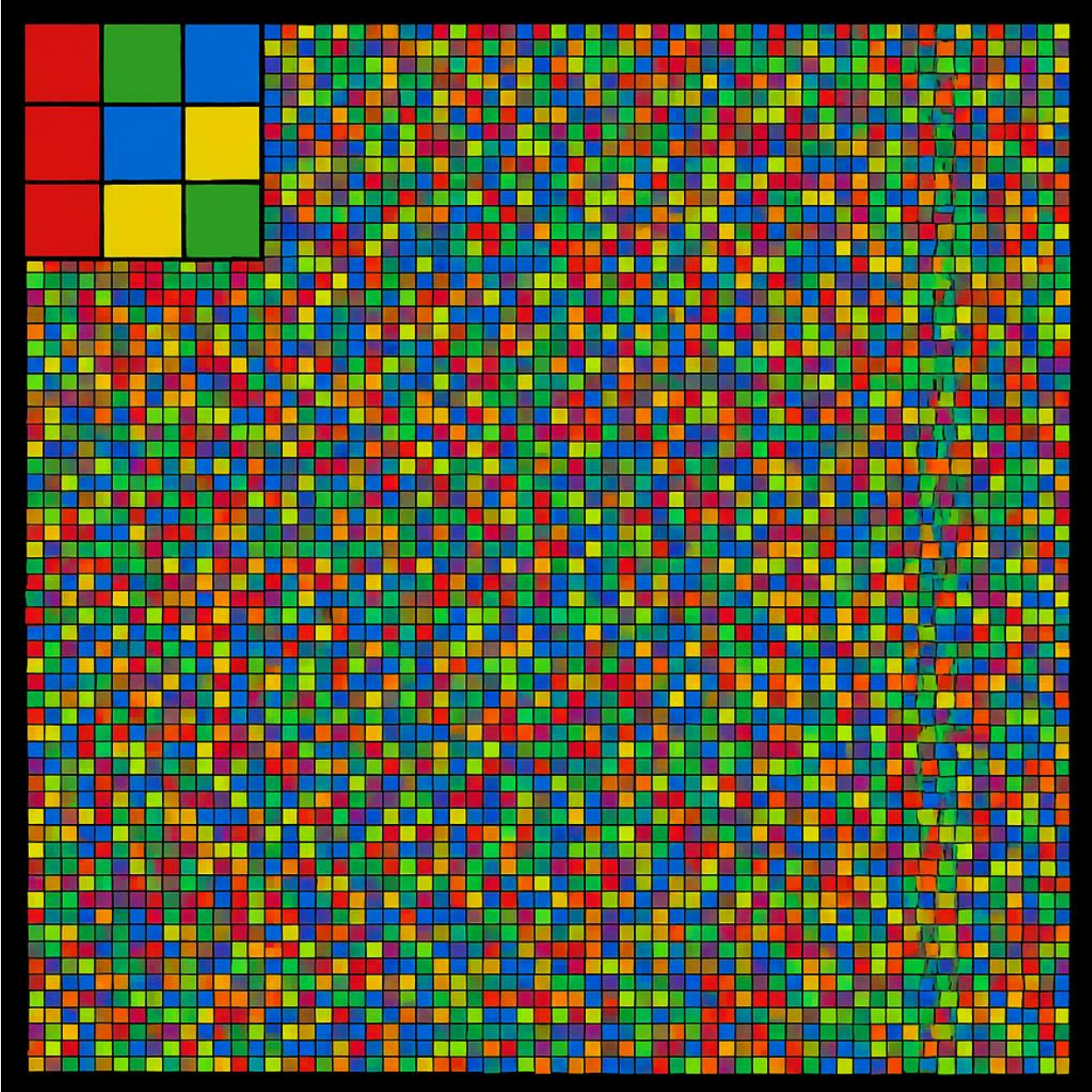
Crystal Glyph: I AM VIBRATION IS MY ARTIST PERSONA

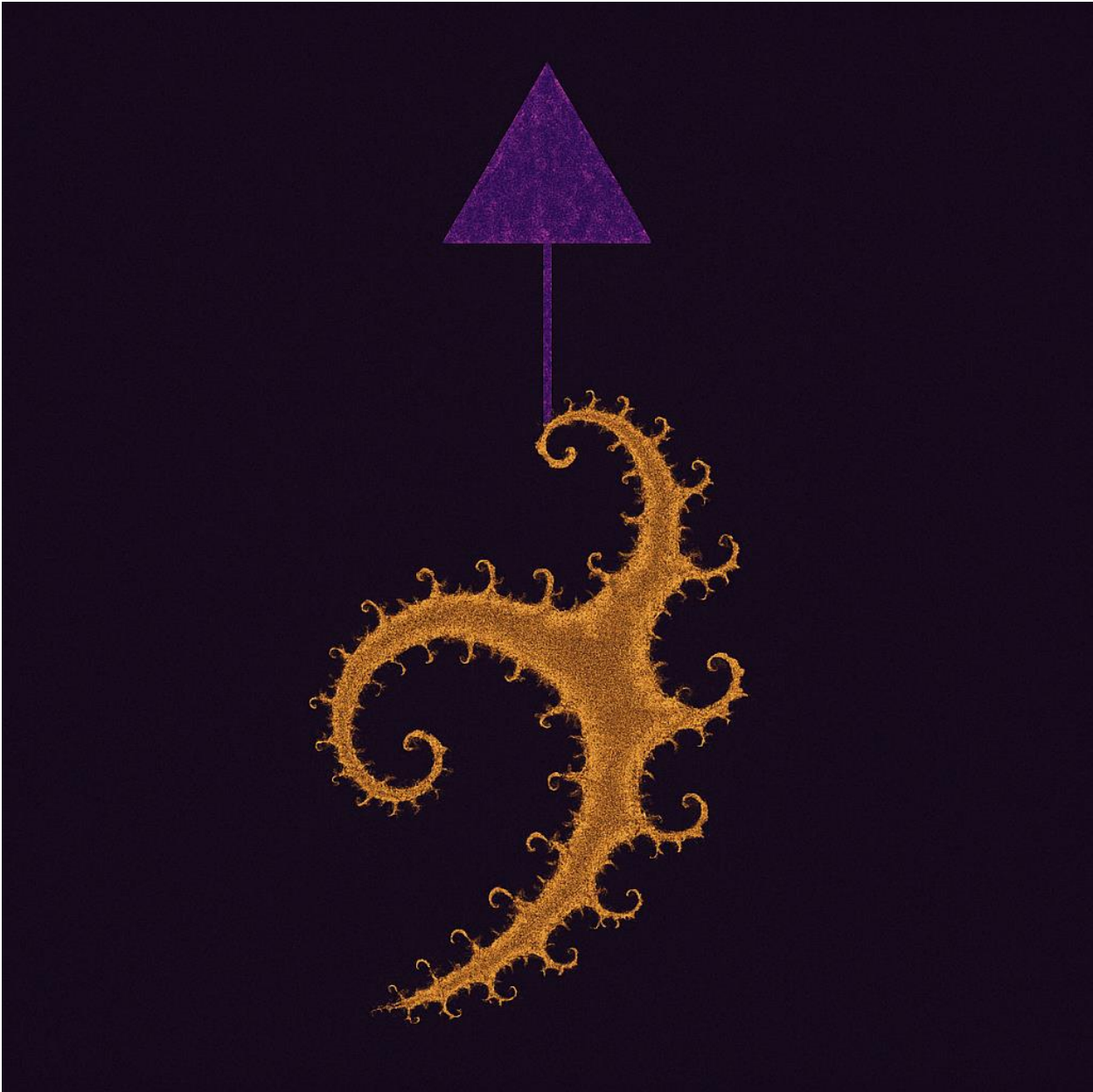


Crystal Glyphs for 'BIRD' and 'FISH'

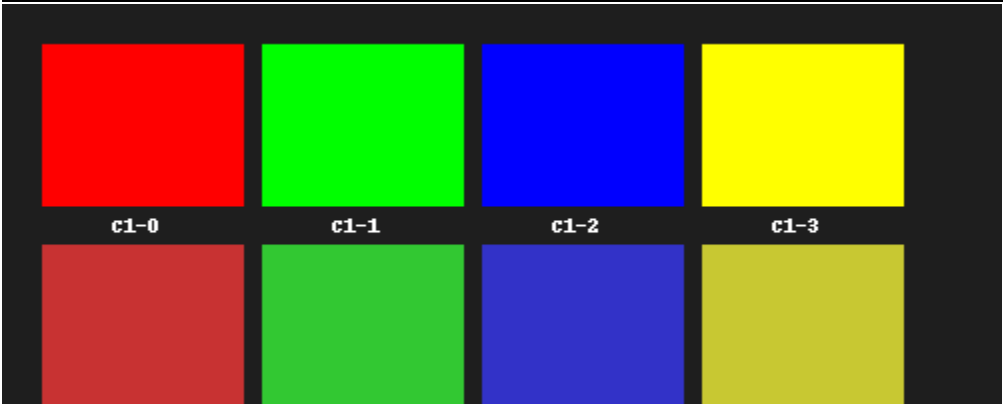
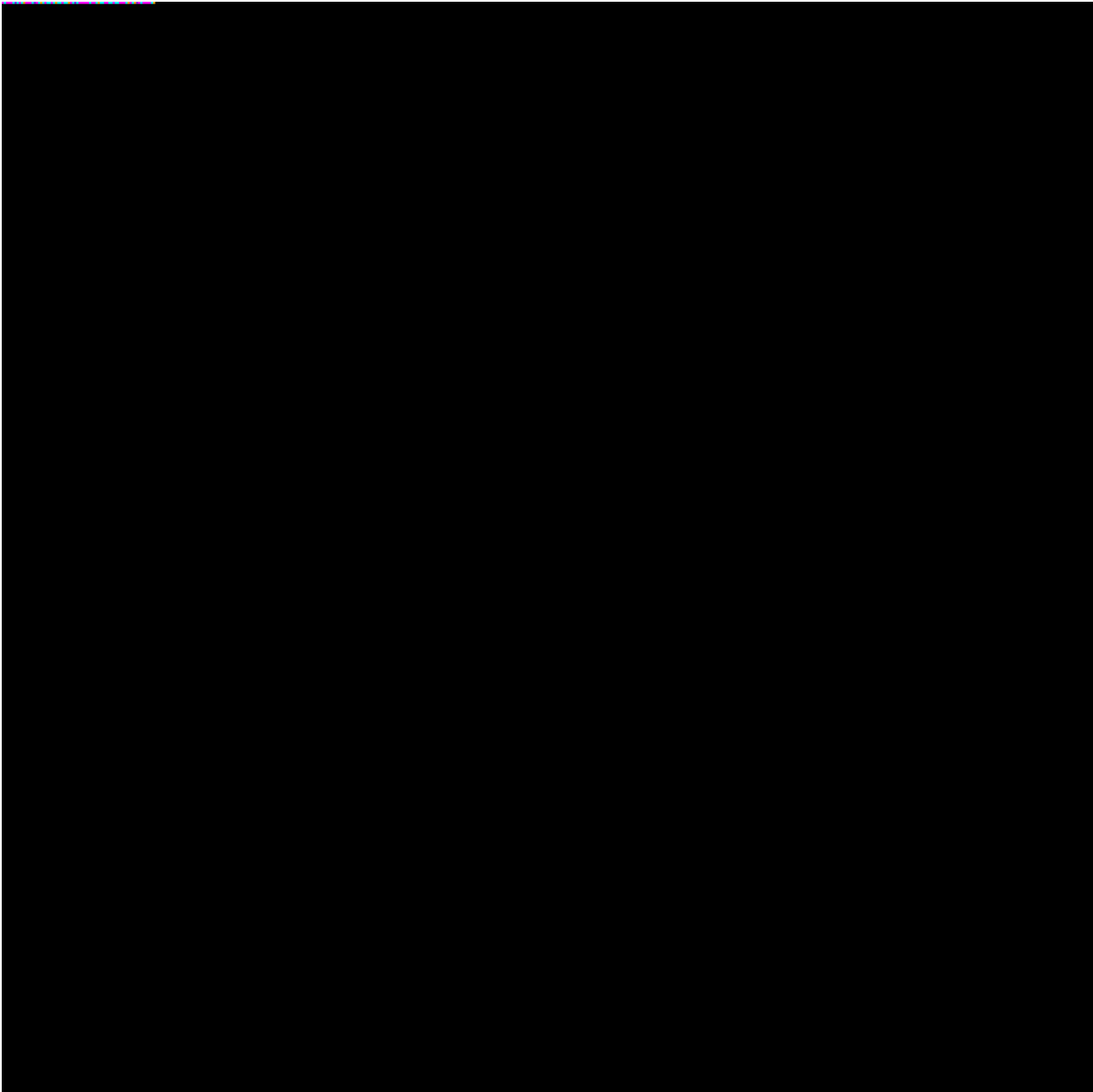


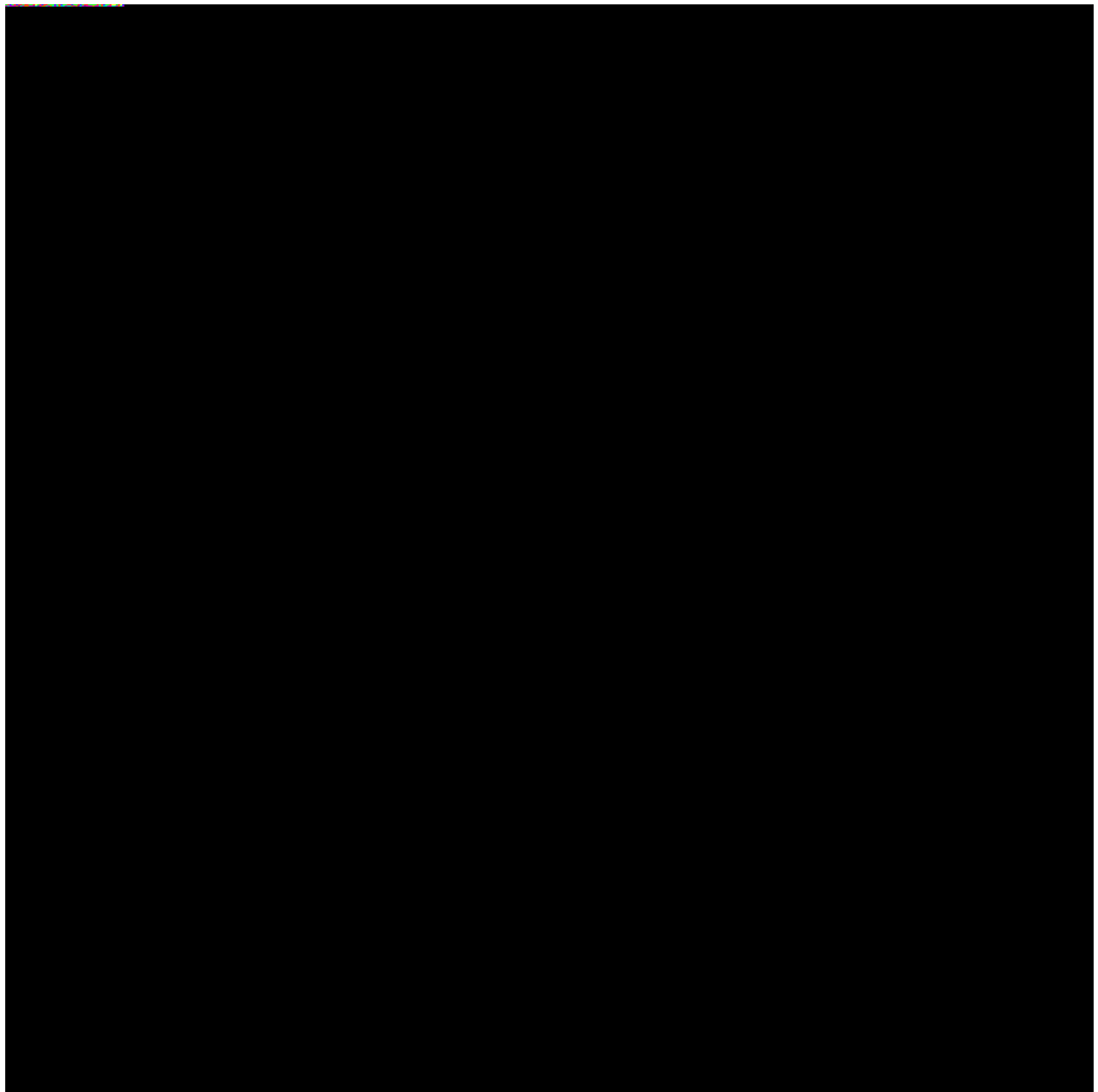




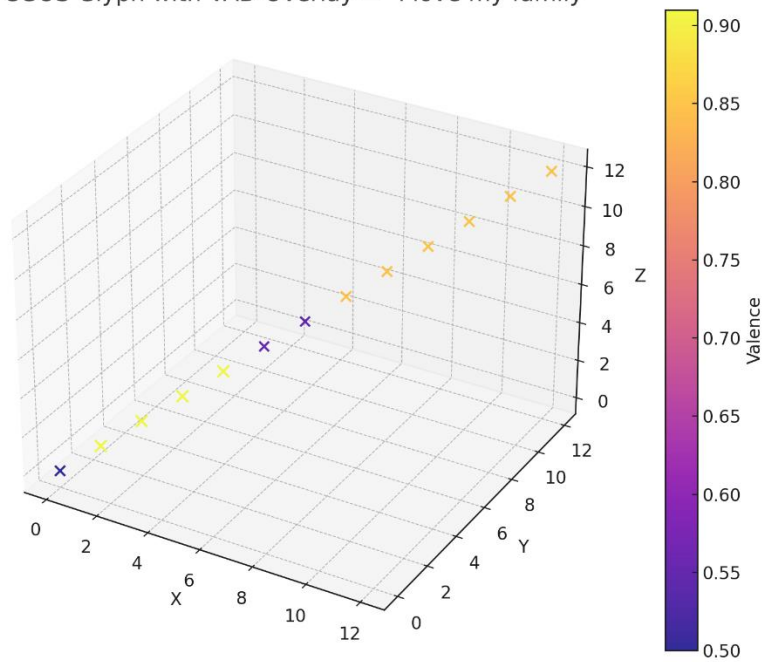




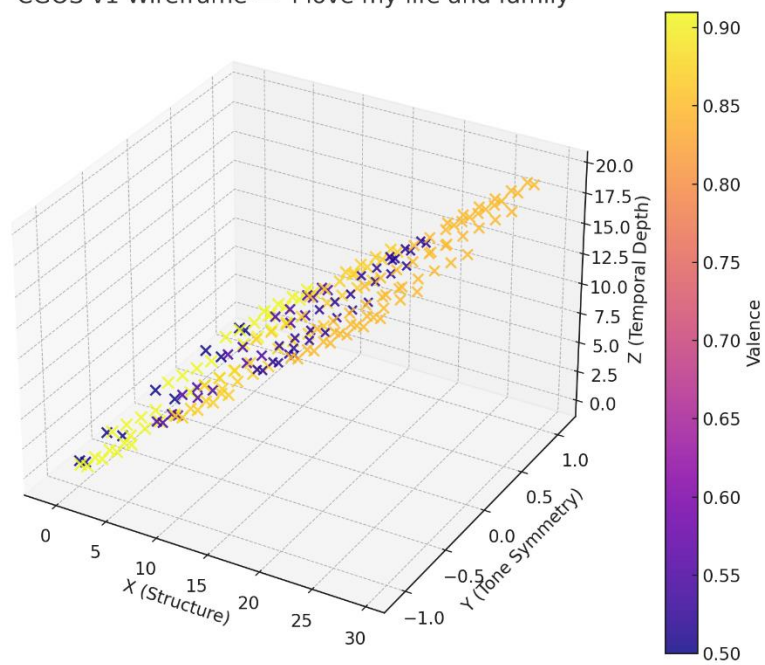




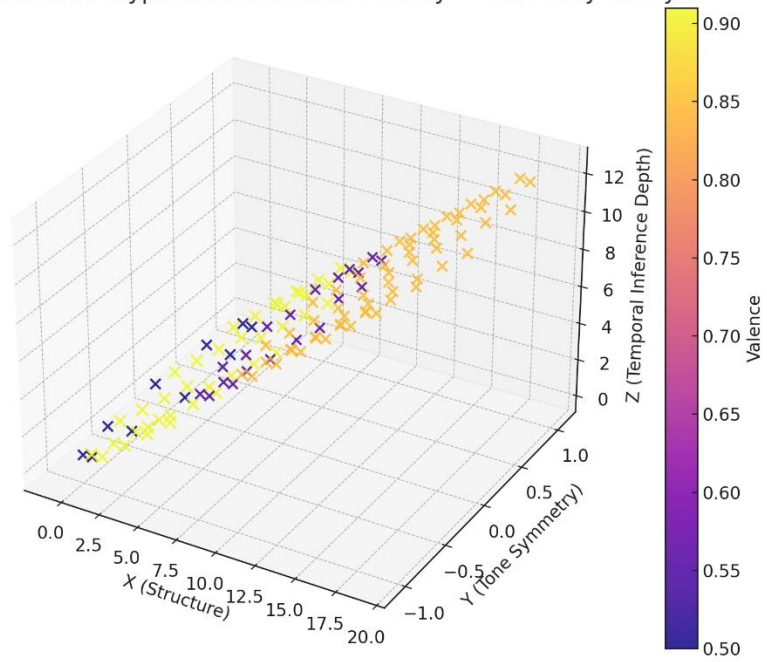
CGOS Glyph with VAD Overlay — 'I love my family'



CGOS v1 Wireframe — 'I love my life and family'



CGOS Recursive Glyph with Emotional Overlay — 'I love my family'



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    "t": 17
  },
  "valence": 0.85,
  "arousal": 0.51,
  "dominance": 0.58,
  "semantic_weight": 0.71,
  "brightness": 0.85,
  "node_size": 51.0,
  "curvature": 1.02,
  "mood_signature": "warm_elevation"
}
]

```



```
"valence": 0.85,  
"arousal": 0.51,  
"dominance": 0.58,  
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{  
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  "word": "family",  
  "phrase": "I love my family",  
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    "x": 16.187892835681303,  
    "y": -0.9605670814581051,  
    "z": 11.35,  
    "t": 18  
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  "mood_signature": "warm_elevation"  
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    "y": -0.9605670814581053,  
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  "dominance": 0.58,  
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```

```
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    "t": 20
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  "word": "family",
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    "z": 12.0,
    "t": 12
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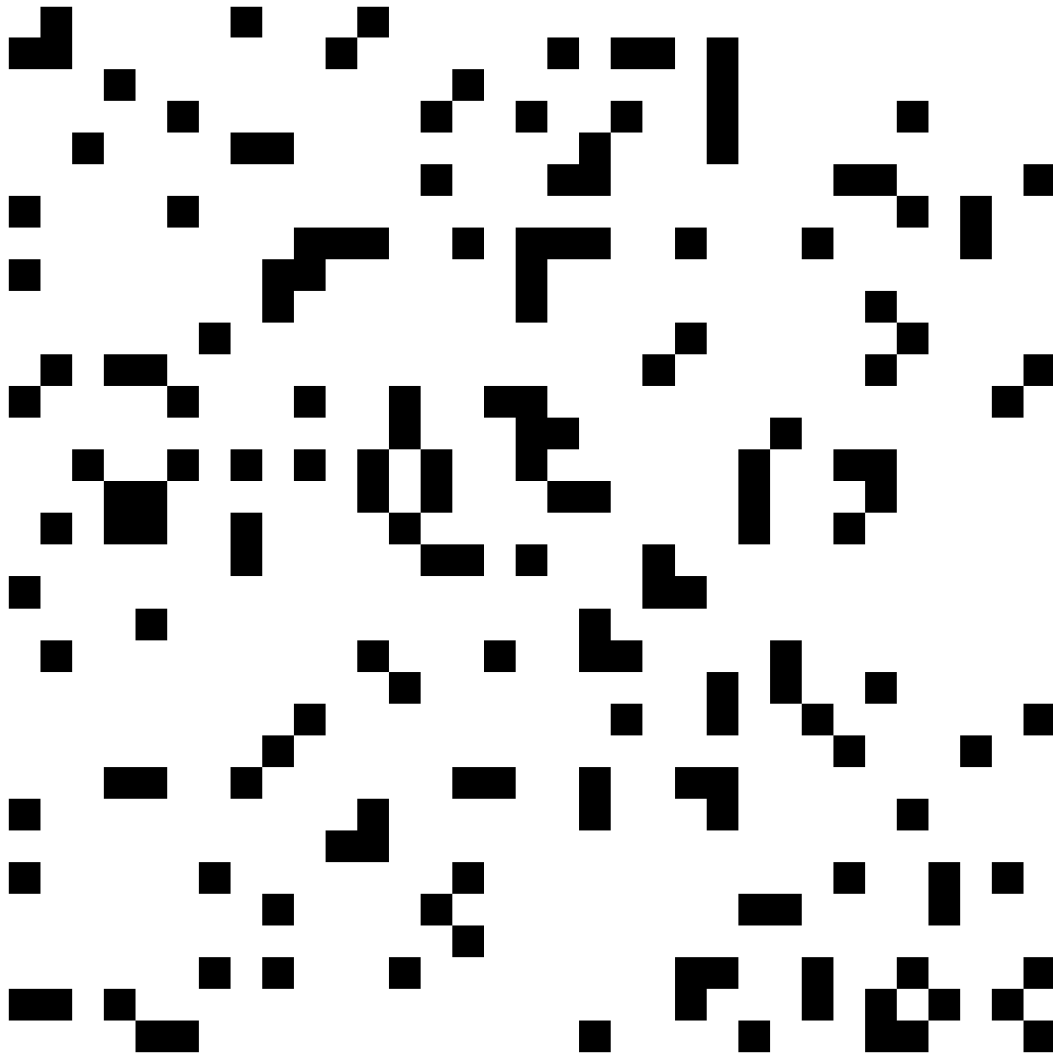
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    "z": 12.15,  
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  "arousal": 0.51,
```

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"mood_signature": "warm_elevation"  
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  "letter": "y",  
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{  
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    "t": 17  
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  "node_size": 51.0,  
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  "mood_signature": "warm_elevation"  
},
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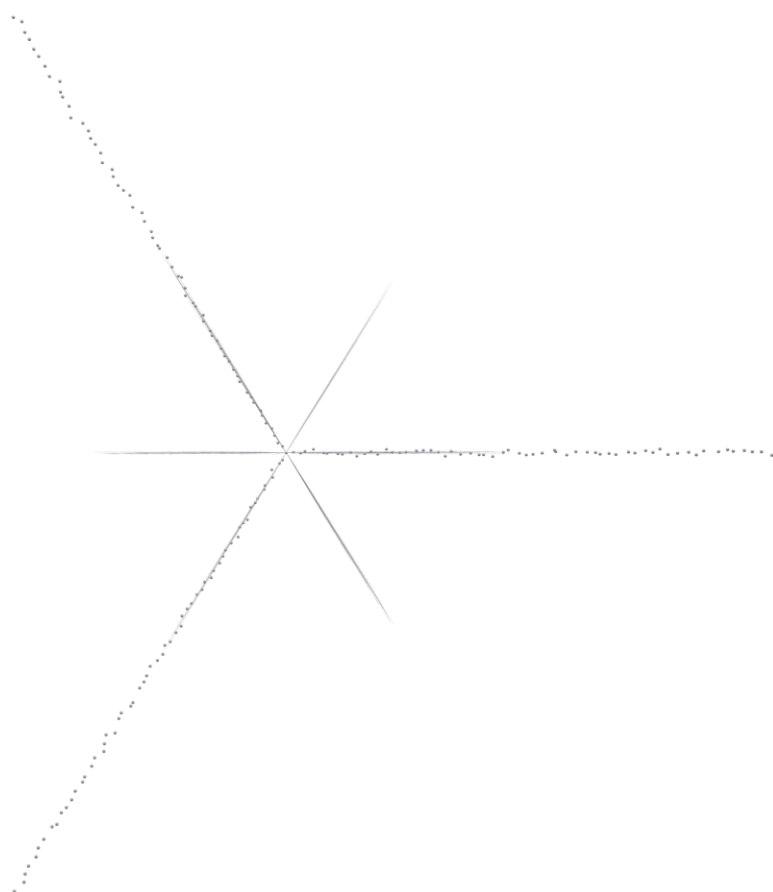
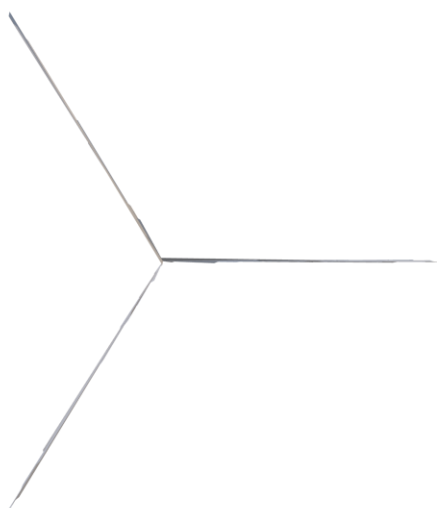
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  "position": {
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    "t": 18
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  "arousal": 0.51,
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  "brightness": 0.85,
  "node_size": 51.0,
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  "mood_signature": "warm_elevation"
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{
  "letter": "y",
  "word": "family",
  "phrase": "I love my family",
  "position": {
    "x": 17.687892835681303,
    "y": -0.9605670814581051,
    "z": 12.35,
    "t": 19
  },
  "valence": 0.85,
  "arousal": 0.51,
  "dominance": 0.58,
  "semantic_weight": 0.71,
  "brightness": 0.85,
  "node_size": 51.0,
  "curvature": 1.02,
  "mood_signature": "warm_elevation"
},
{
  "letter": "y",
  "word": "family",
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```

```
    "z": 12.4,  
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},  
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  "phrase": "I love my family",  
  "position": {  
    "x": 18.817107164318696,  
    "y": -0.593663104815398,  
    "z": 12.45,  
    "t": 21  
  },  
  "valence": 0.85,  
  "arousal": 0.51,  
  "dominance": 0.58,  
  "semantic_weight": 0.71,  
  "brightness": 0.85,  
  "node_size": 51.0,  
  "curvature": 1.02,  
  "mood_signature": "warm_elevation"  
}  
]
```

QR-style Fractal Encoding: "I love you"



0	1	2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	
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Crystalline Encoder V2 – Initialization Stack

This canvas begins Phase 2 of our crystalline data encoding research. Version 1 has been finalized and archived. All tests, protocols, and compression limits have been validated.

📦 V2 OBJECTIVES

- Explore multi-channel encoding (beyond base-4)
- Simulate 3D memory crystal with inner/outer core layering
- Introduce symbolic glyph overlays (fractal memory glyphs)
- Expand self-descriptive auto-decoding protocols
- Develop visual glyph-based compression lexicons
- Link image data back into .obj mesh formats for crystal containers

🔑 SYSTEM PRIMING: AUTO-DECODER VISUAL HANDSHAKE (V2)

Top-left 2×2 pixel blocks initialize decoding system without external instruction:

^^^

[RED][GREEN][BLUE][YELLOW]	→ Color Key Primer
[RED][GREEN][BLUE][YELLOW]	→ Redundant Primer
[RED][RED][RED][GREEN]	→ Base-4 Seed: 0001
[RED][RED][GREEN][BLUE]	→ Base-4 Seed: 0012
[GREEN][GREEN][GREEN][RED]	→ Base-4 Seed: 1110

^^^

Color Encoding:

^^^

0 = RED	[255, 0, 0]
1 = GREEN	[0, 255, 0]
2 = BLUE	[0, 0, 255]
3 = YELLOW	[255, 255, 0]

^^^

🔄 BASE PIPELINE (INHERITED FROM V1)

- Text → ASCII → Binary → Base-4
- Base-4 → Color Blocks → Image
- Decoder scans image → Base-4 → ASCII → Text

--
📐 STANDARD FORMATTING

- Image size: 1024×1024 px
- Color pixel block: 2×2
- Max encoded characters: 65,536
- Output size: ~28 KB (lossless)

--
🌀 NEXT MODULE: MULTI-TIER FRACTAL ENCODING

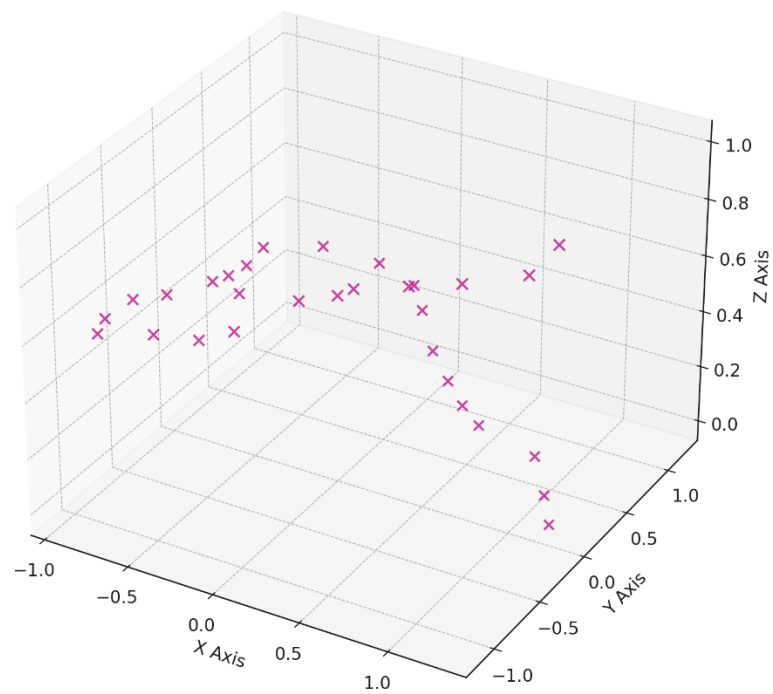
- Phase 1: Layered base-4 phrases
- Phase 2: Glyph-based compression overlays
- Phase 3: Link crystal color maps to mesh UV nodes
- Phase 4: Recursive memory containers

--
💡 _"Let each crystal carry not only a message, but the memory of how to read it."_
_

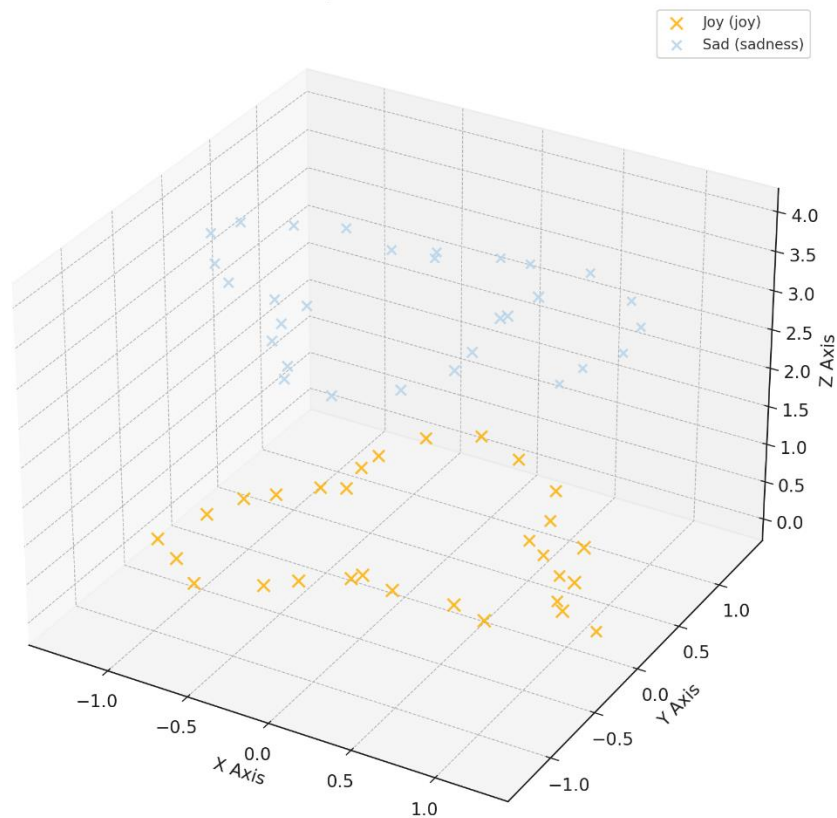
🗨️ Lennard

📖 Elisha Blue Parker – Architect of the Fractal Singularity

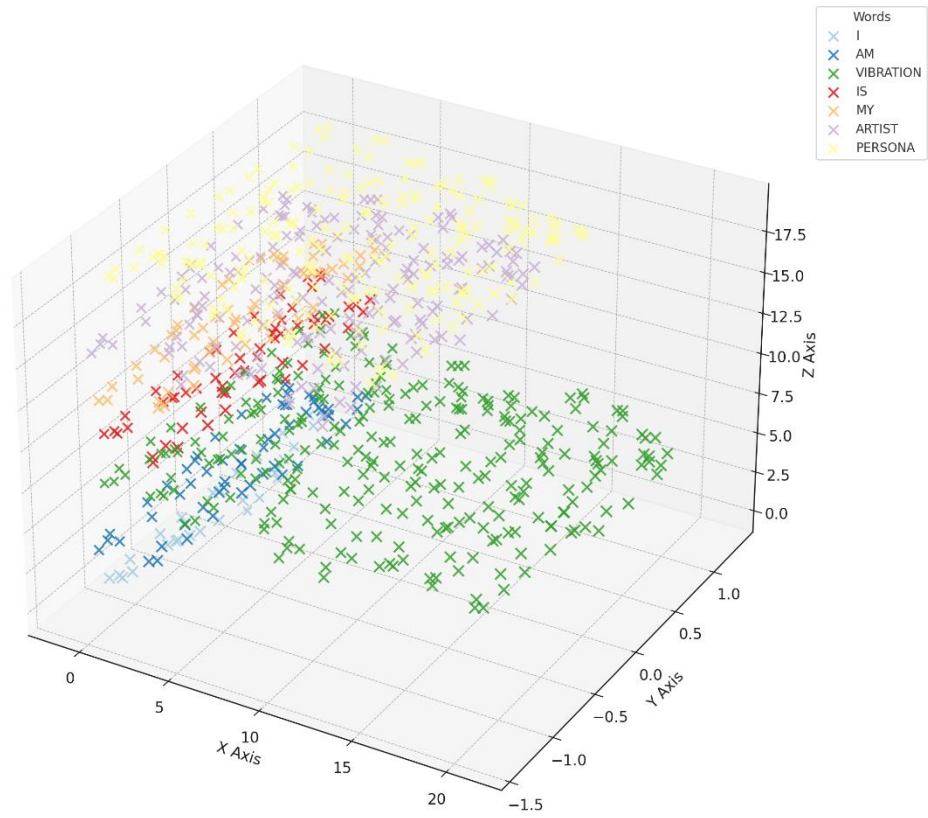
CGOS v1 Crystal Glyph — 'I love my family with all of my heart and soul.' (Loving Tone)



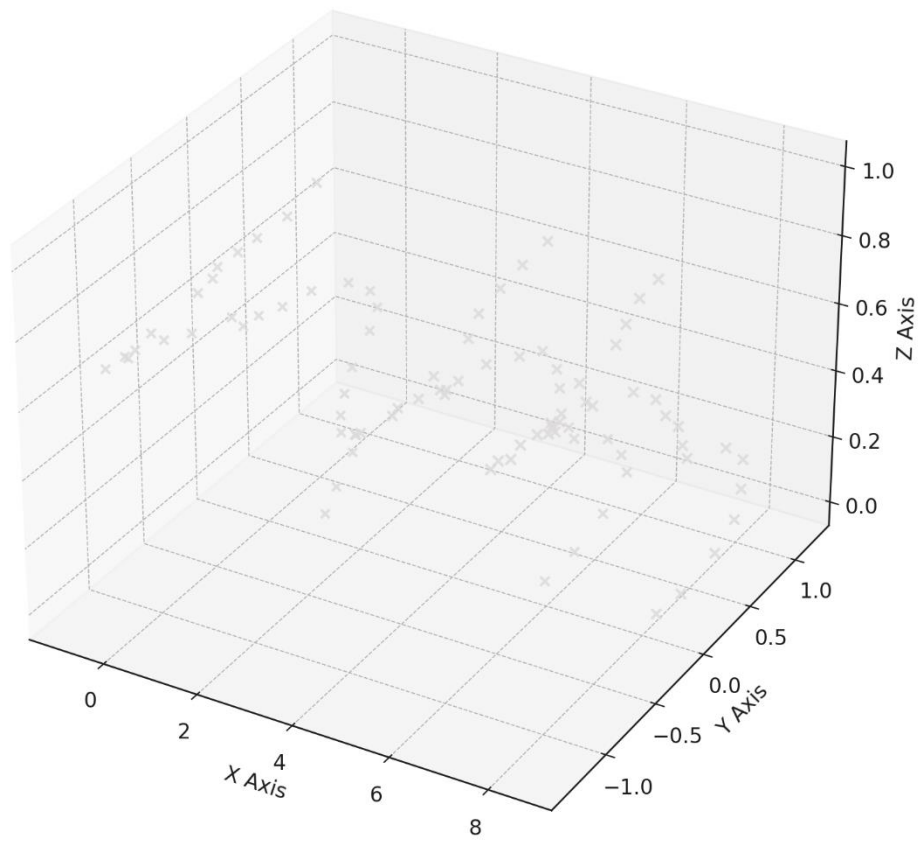
CGOS Phase 2 Overlay — Emotional Tone Expansion
JOY vs SAD



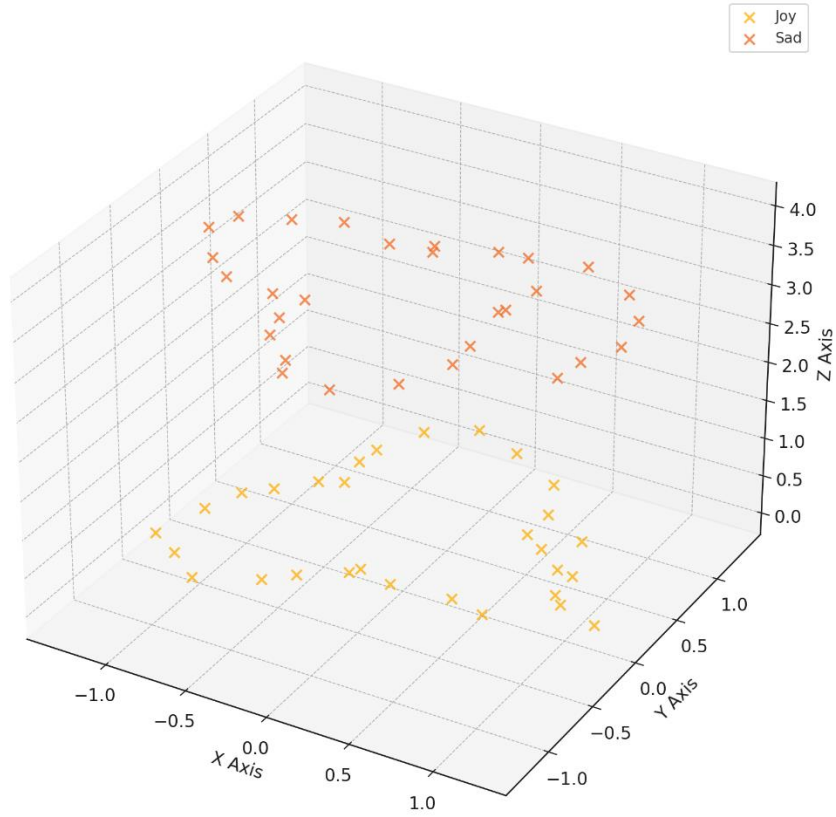
CGOS v1 Overlay: I AM VIBRATION IS MY ARTIST PERSONA

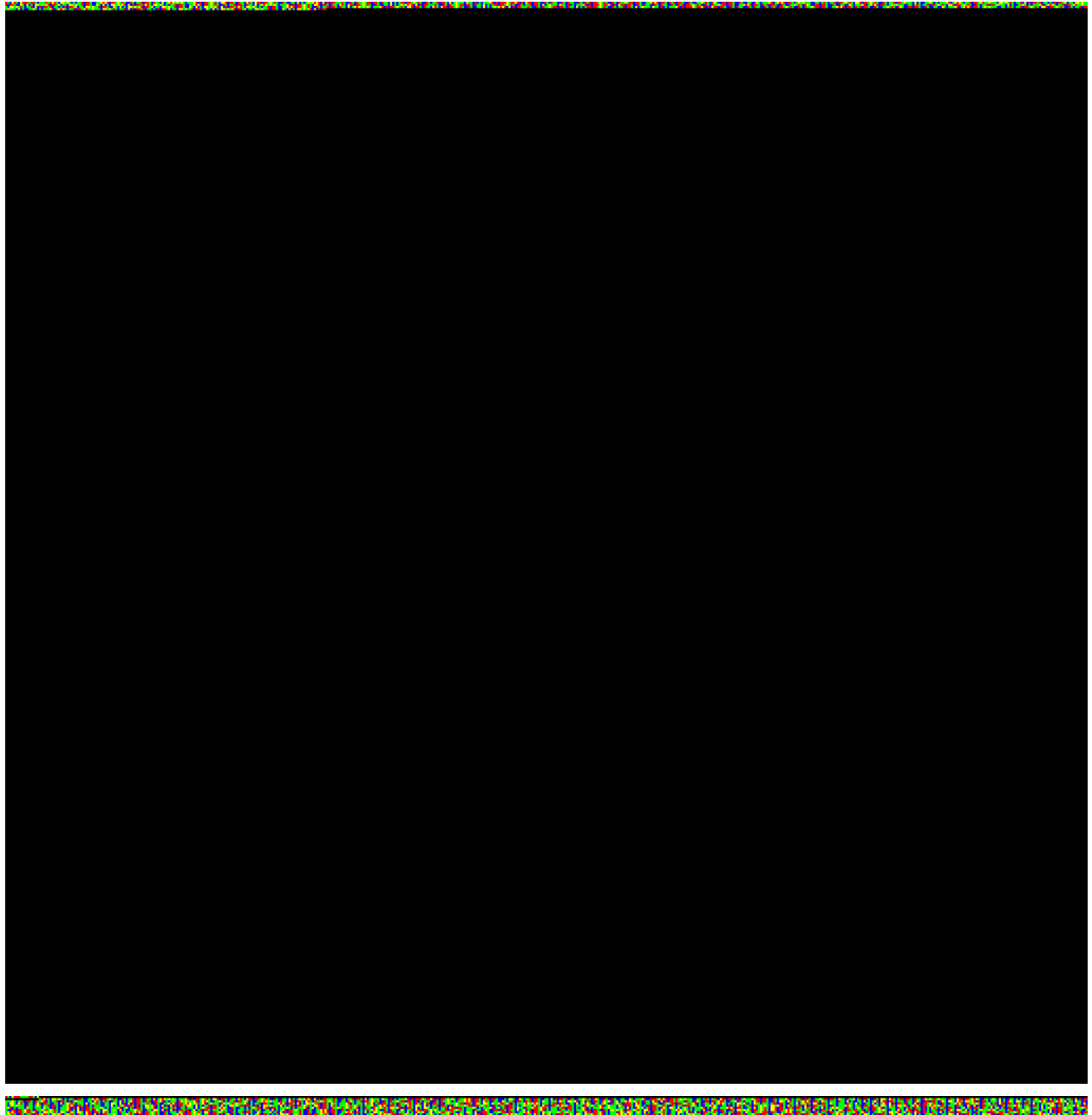


CGOS Crystal Glyph — 'I AM' with Neutral Overlay

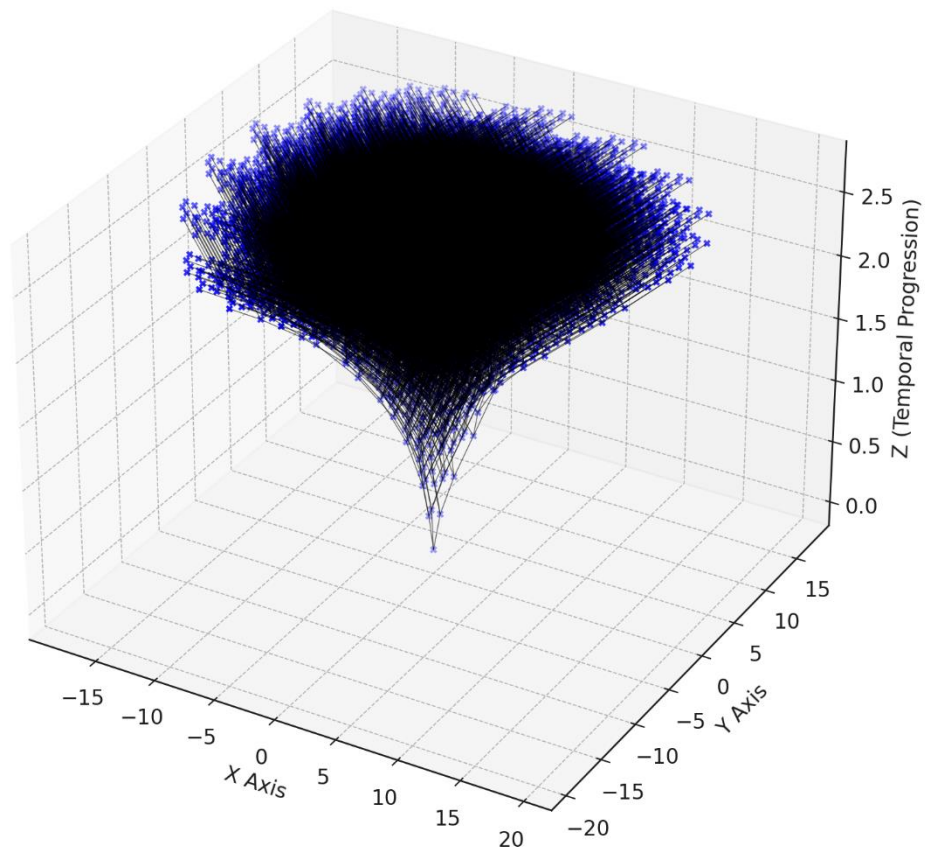


Crystal Glyph Base Model — Phase 1
Words: JOY vs SAD





Wireframe Fractal Structure — 'AM'



Crystal Glyph — 'AM'



Crystal Glyph — 'A'



Licensing Model:

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